F. 199a

GENGA, Bernardino.

[Vandenbergh, 1723?]

Wants ff. 2, 4, 6, 8, 11, 13, 15, 18, 20, 25-8, 31-2, 35 and 37; also Tab. XL-XLII (i.e. 7-8 + 15 or 16 in this ed.) and list of subscribers.

Tab. XXIV-XLII of Senex ed. here renumbered 1-19, i.e:

1 = XXXIX in Senex
2 = XXXI
3 = XXIV
4 = XXIX
5 = XXXVIII
6 = XXXVII
9 = XXXIII
10 = XXXIV
11 = XXV
12 = XXX
13 = XXVIII
14 = XXVI
15 or 16 = XXXV
17 = XXXVI
18 = XXXII
19 = XXVII

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ANATOMY
IMPROV'D AND ILLUSTRATED
With Regard to the Uſes thereof in
DESIGNING:
only laid down from an EXAMEN of the BONES and MUSCLES of
UMAN BODY, but alſo DEMONSTRATED and EXEMPLIFIED from
The moſt Celebrated
ANTIQUE STATUES IN ROME.
Exhibited in a great Number of
ER PLATES, with all the FIGURES IN VARIOUS VIEWS.
Intended Originally for y^{e} Uſe of
IE ROYAL FRENCH ACADEMY
OF PAINTING AND SCULPTURE.
And carried on under the Care and Inſpection of
Charles Errard DIRECTOR of the SAME in ROME.
DISSECTIONS made by DOC^{R}. BER^{O}. GENGA.
ANATOMIST ROYAL.
The EXPLANATIONS AND INDEXES ADDED By
SIGN.^{R} CAN: JOHN MARIA LANCISSI,
P. PHYSITIAN to his Holyneſs Pope INNOCENT XI.
ORK of great USE to PAINTERS SCULPTORS Statuaries
And all others Studious in the Noble ARTS of DESIGNING.

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D NOW Re-engraven by the Ableſt Hands in ENGLAND.
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TABLE I.

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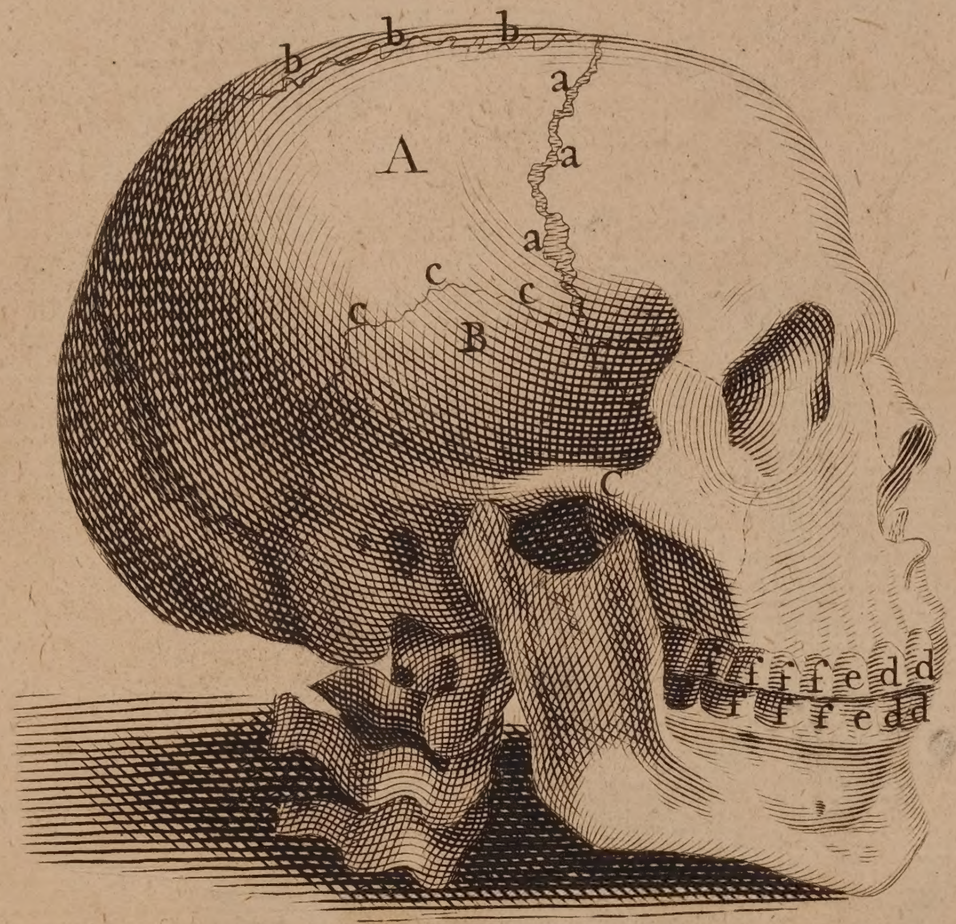
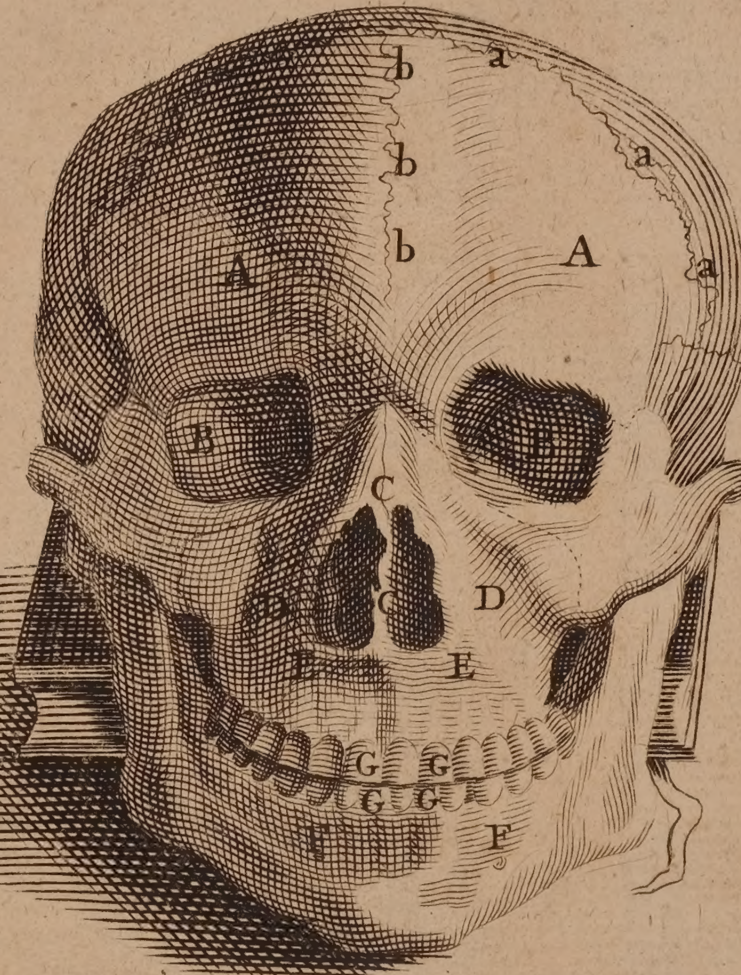


FIGURE I.



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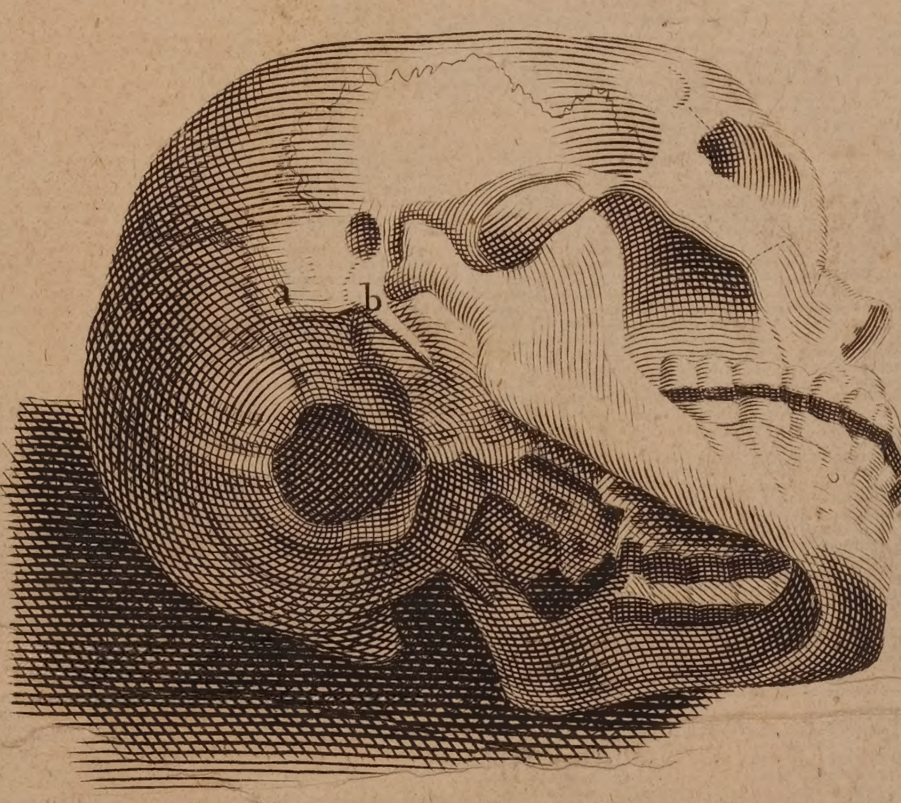


FIG. III.

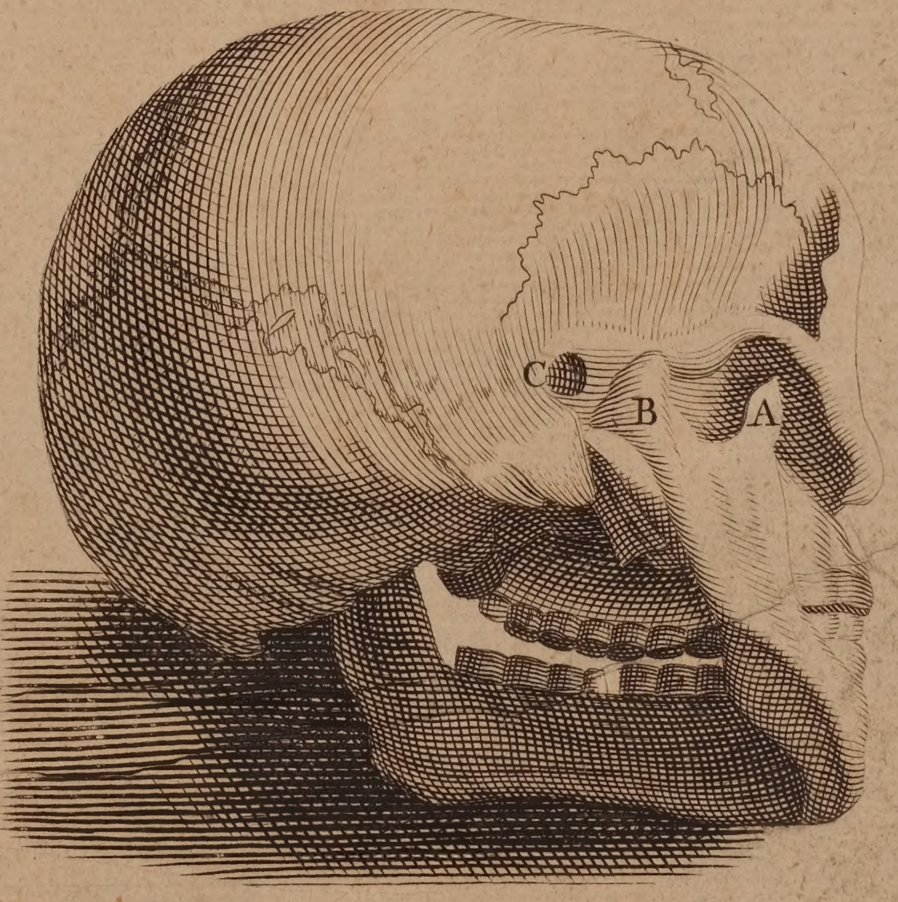
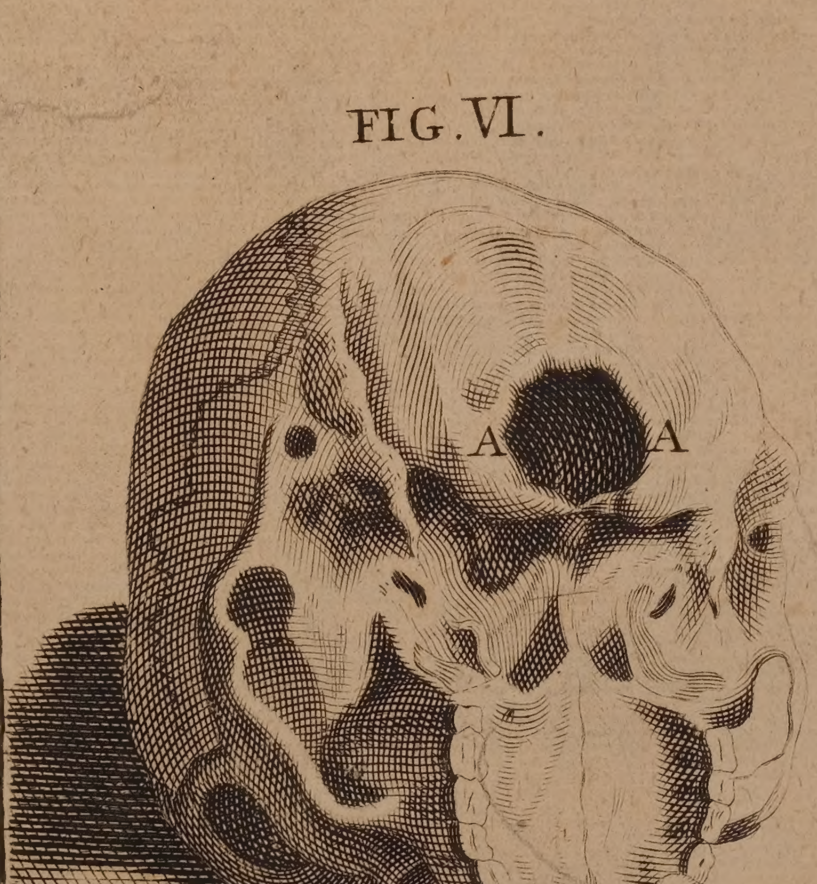


FIG. VI.



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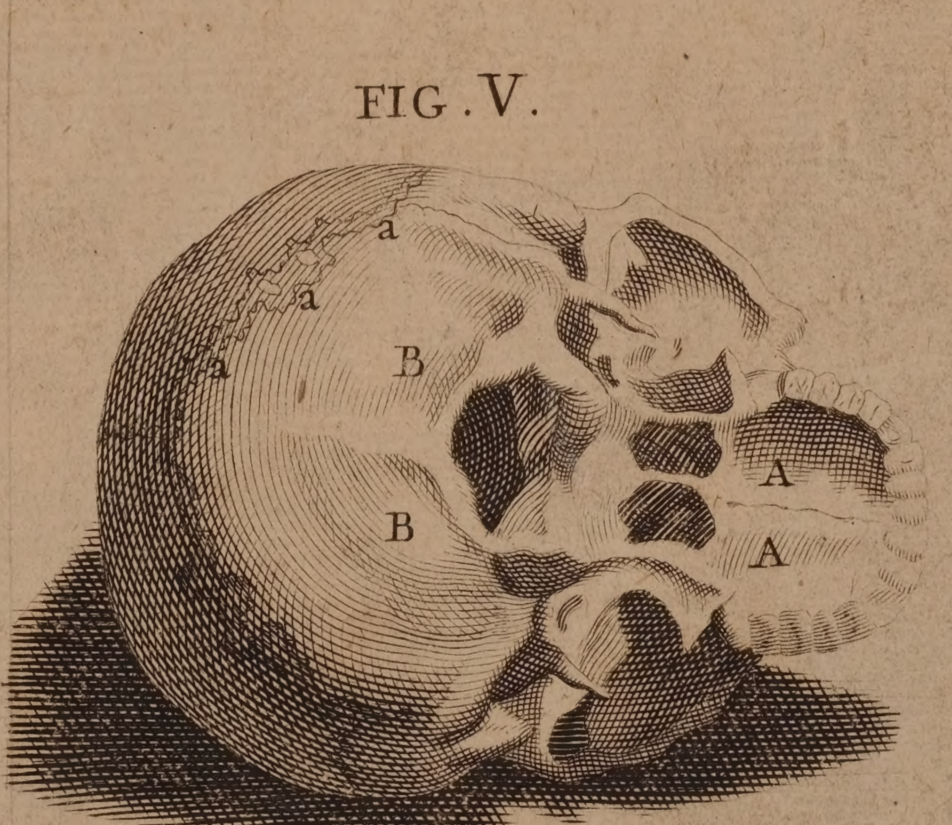

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TABLE II

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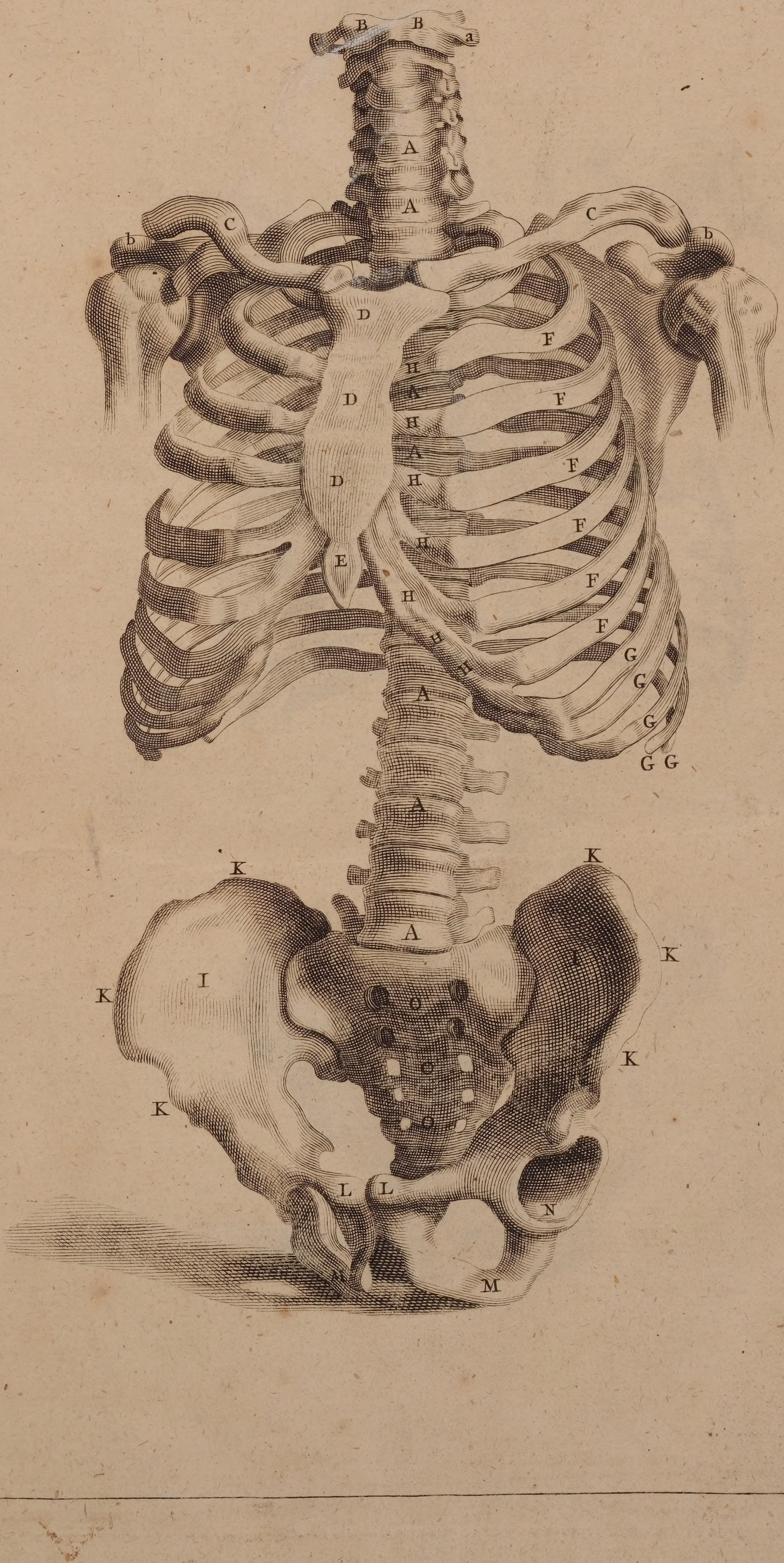
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TABLE III

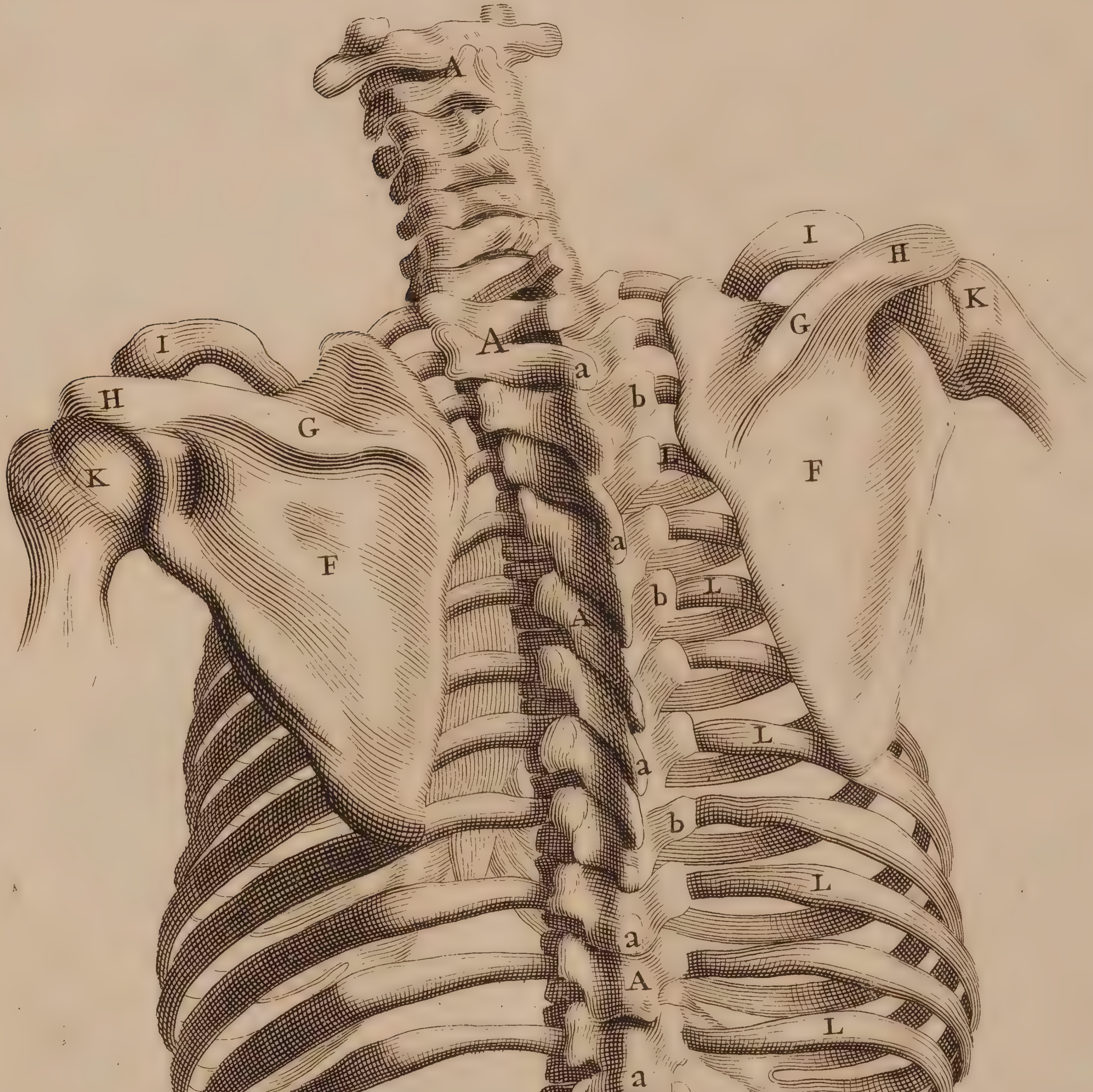

TABLE IV.

Repreſenting the Bones of the Human Body or Trunk in a Lateral Situation.

EXPLANATION.

A Apophyſes *or* Proceſſus Recti *of the* Vertebra *of the* Neck *and* Loyns.

B *The Lateral Appearance of the* Outſide *of the* Scapula.

a *The* Edge *of the* Cavitas Glenoides *or the Extreme Surface of the* Scapula *within w.^{ch} the* Head *of the* Humerus *is Articulated.*

D *The Upper Part of the Bone call'd the* Head *of the* Humerus.

E *The Lateral Appearance of y^e* Ribs *already deſcrib'd in y^e* III. FIG.

C *The* Right Clavicule.

b *The* Sternum *in a Side View.*

F *The Outſide of the* Os Ilium *in a Side View.*

G *The* Os Sacrum *in a Side View.*

H *The* Os Iſchium *in a Side View.*

I *The* Cavity *of y^e* Iſchium *w.^{ch} receives y^e* Head *of y^e* Femur.

K *The Outſide of the* Os Pubis *in a Side View.*

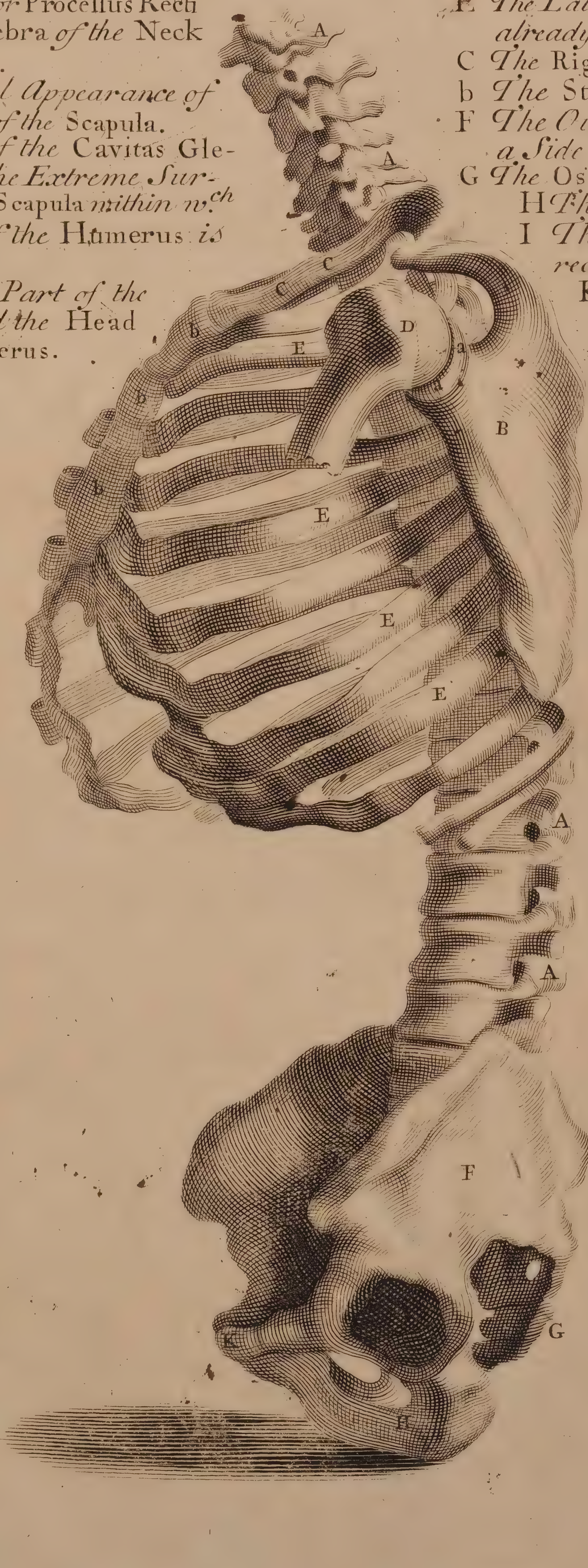

TABLE V.

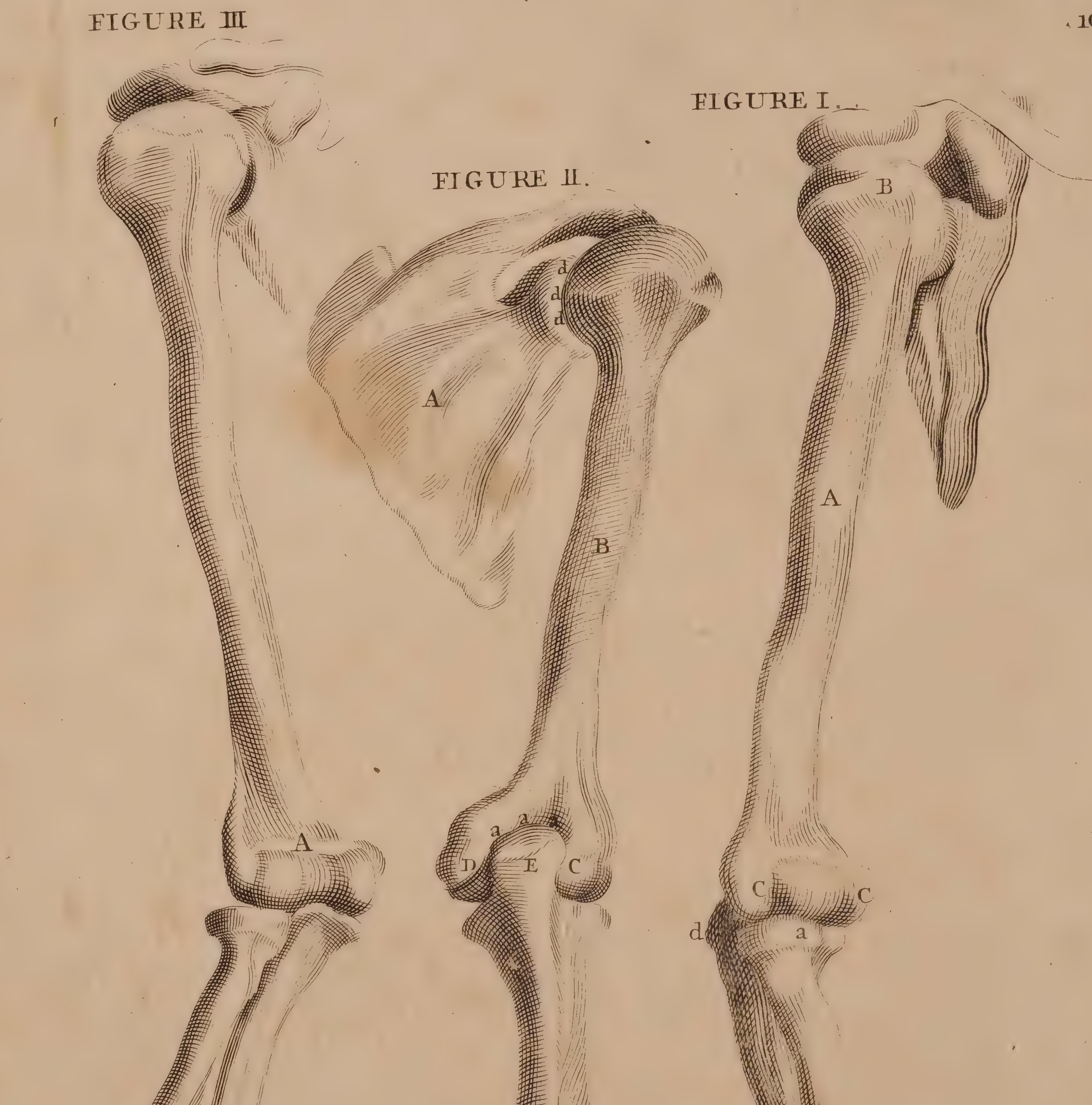
FIGURE III
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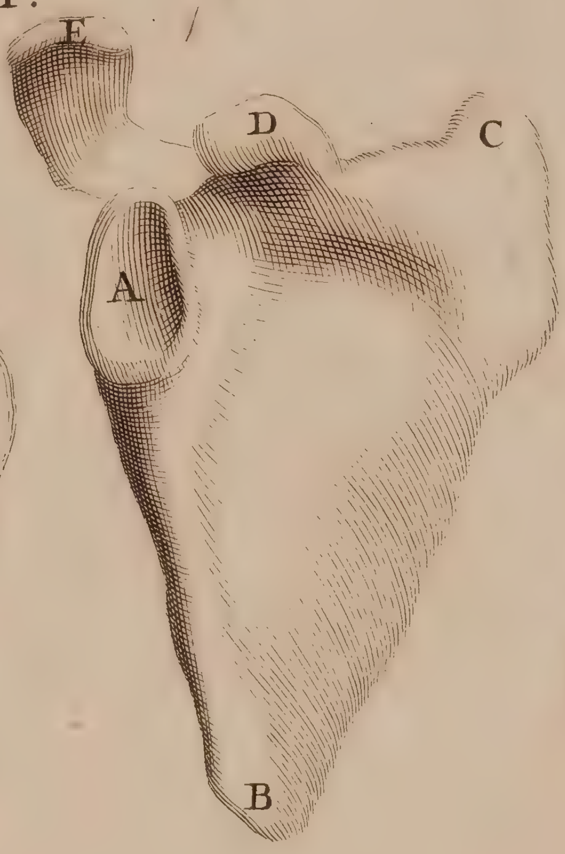
TABLE VI.

FIGURE I.



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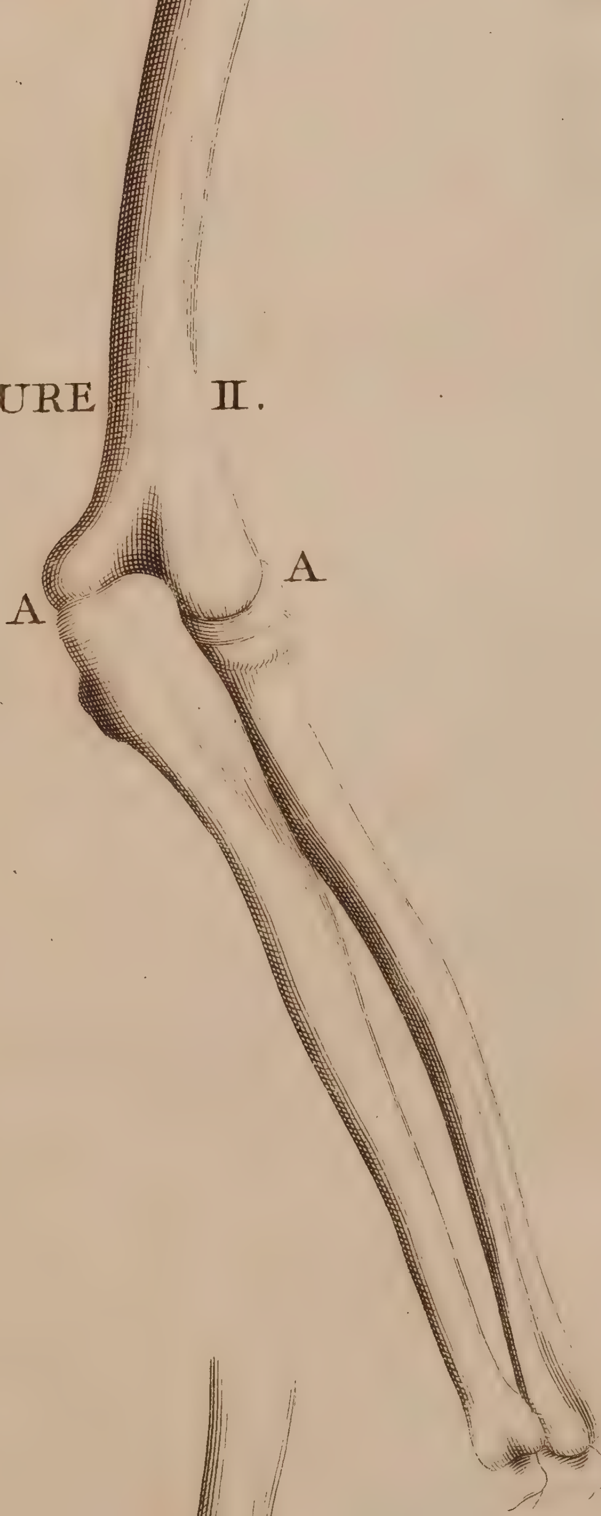

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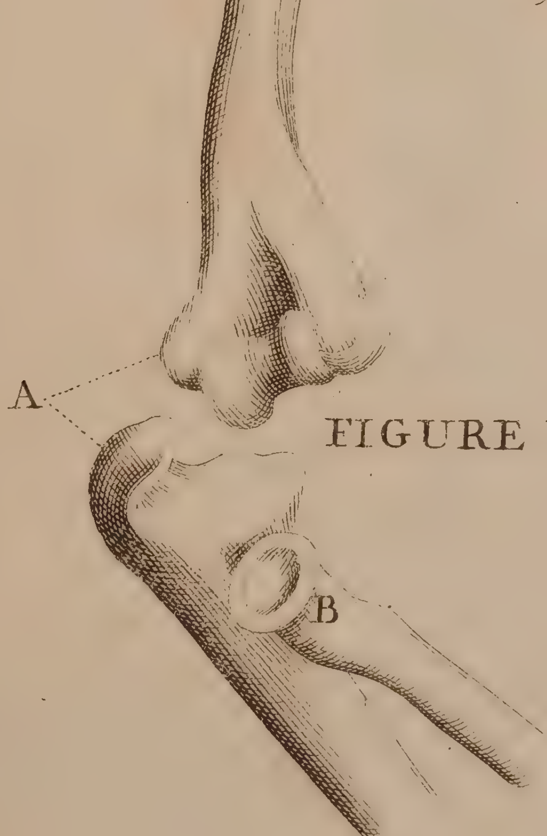

FIGURE IV.

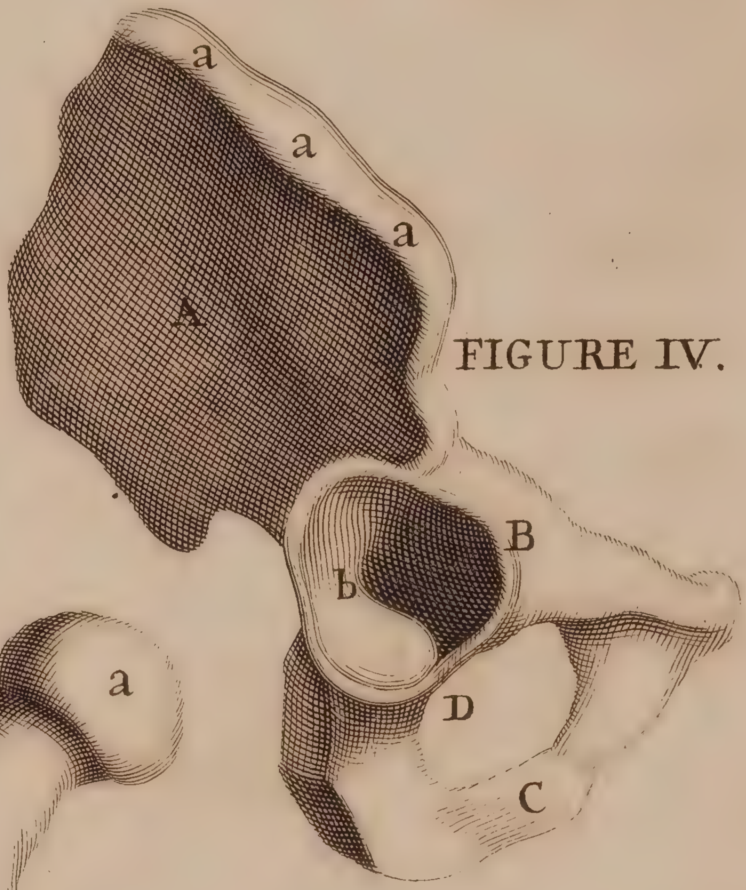

FIGURE V.

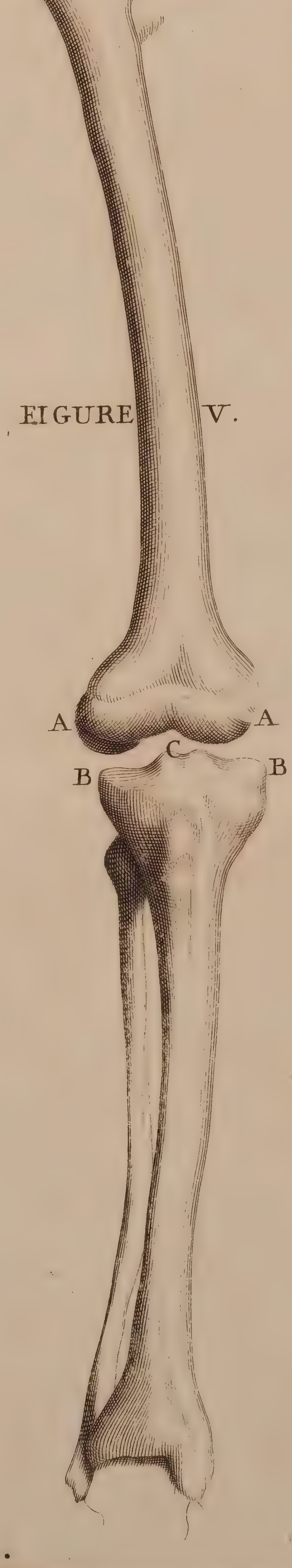

FIGURE VI.

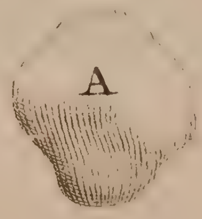

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TABLE VII.

FIGURE II.

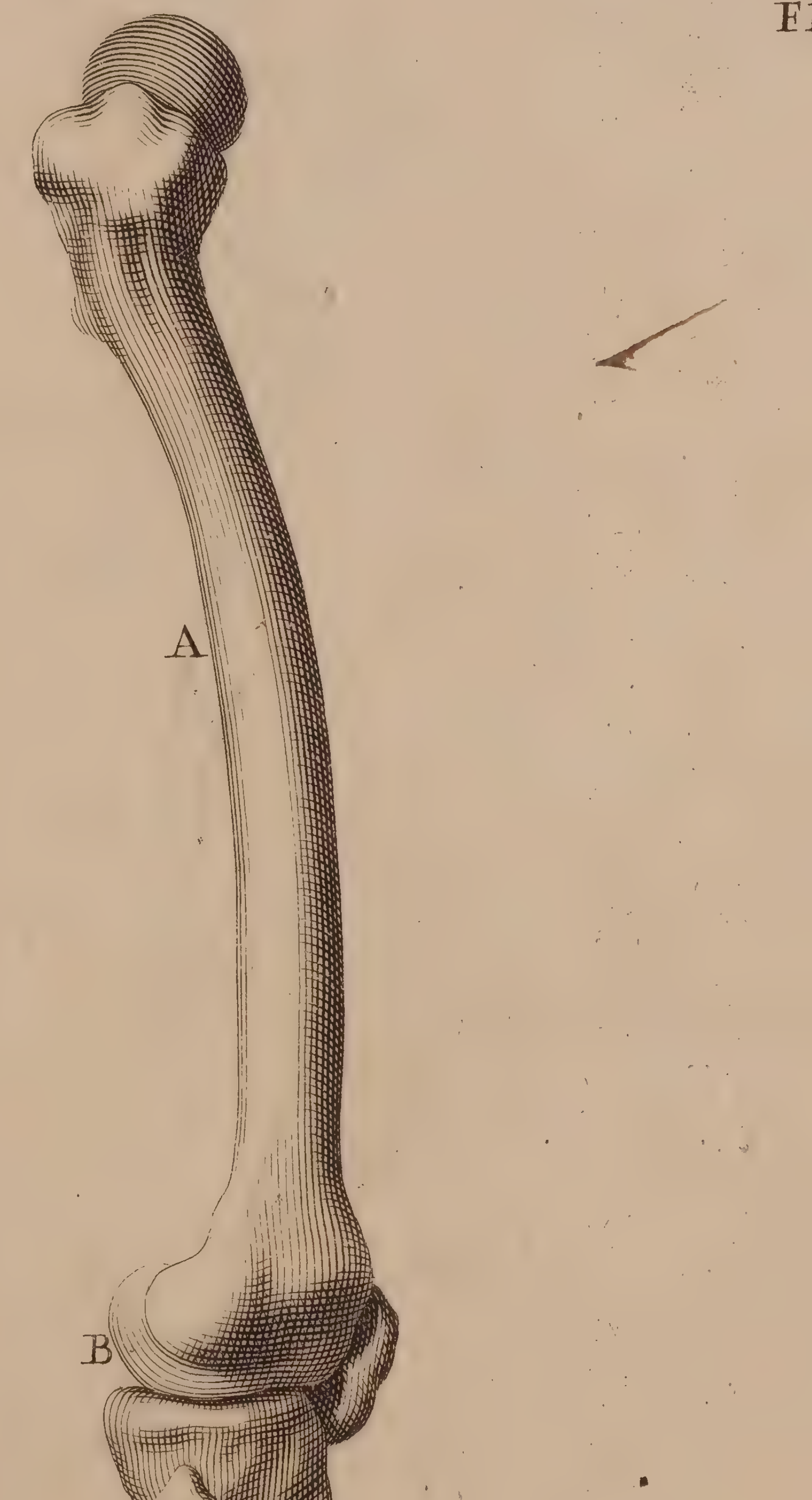

FIGURE I.

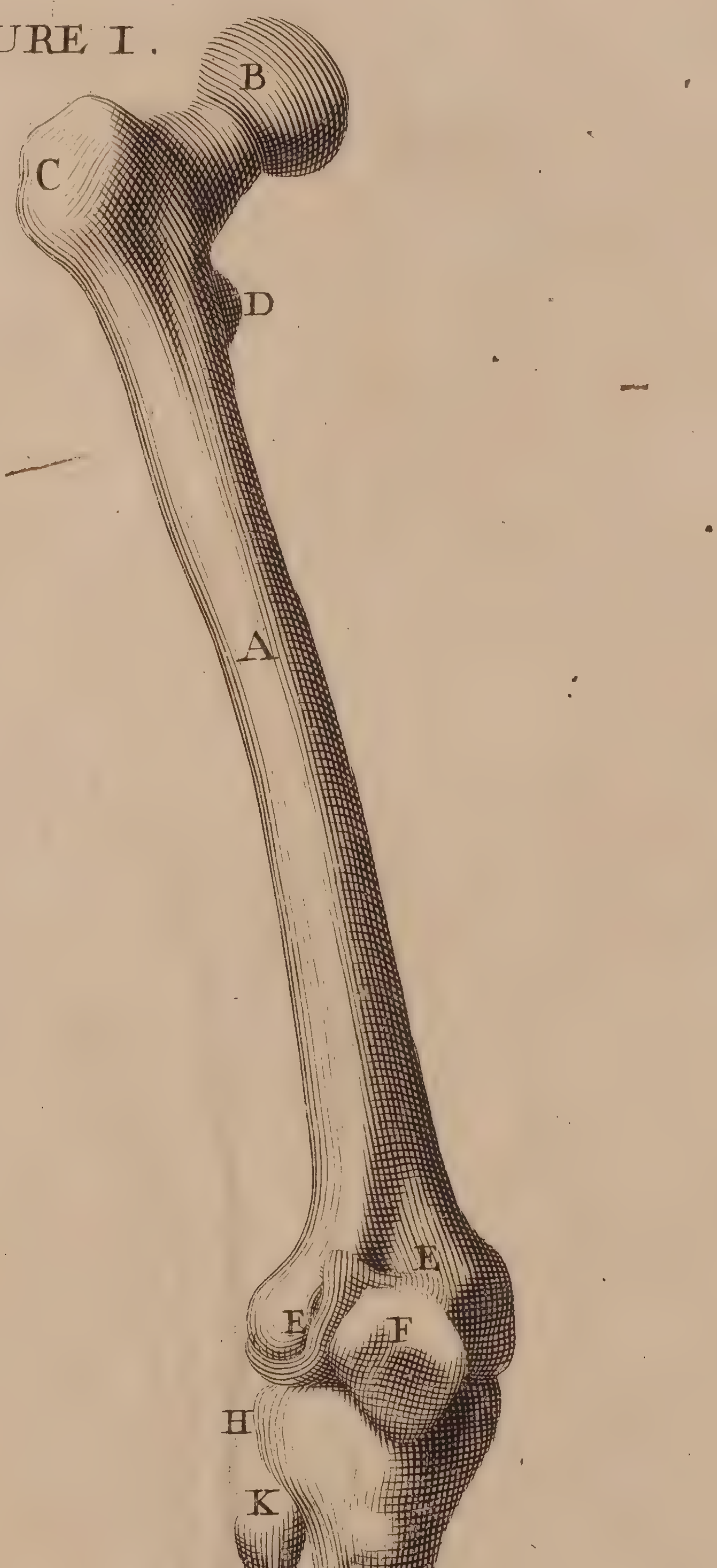

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TABLE VIII.

Wherein are repreſented the same Bones already describ'd in the former Plate, but in different Sitiations:

FIG. II.

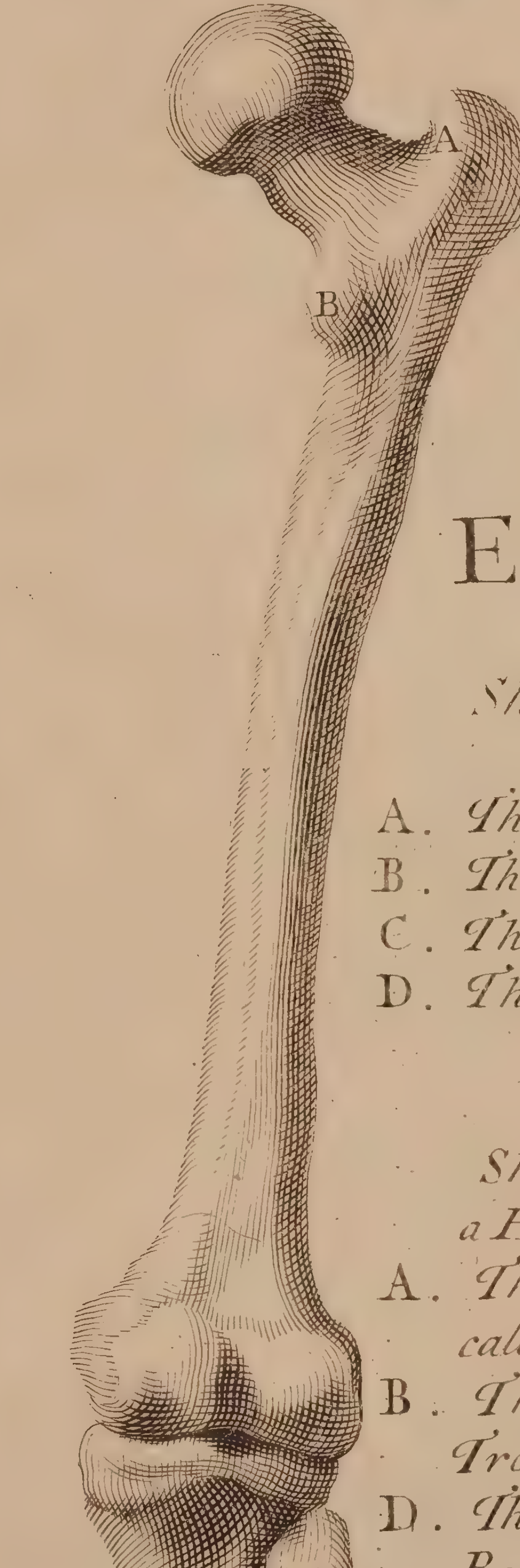
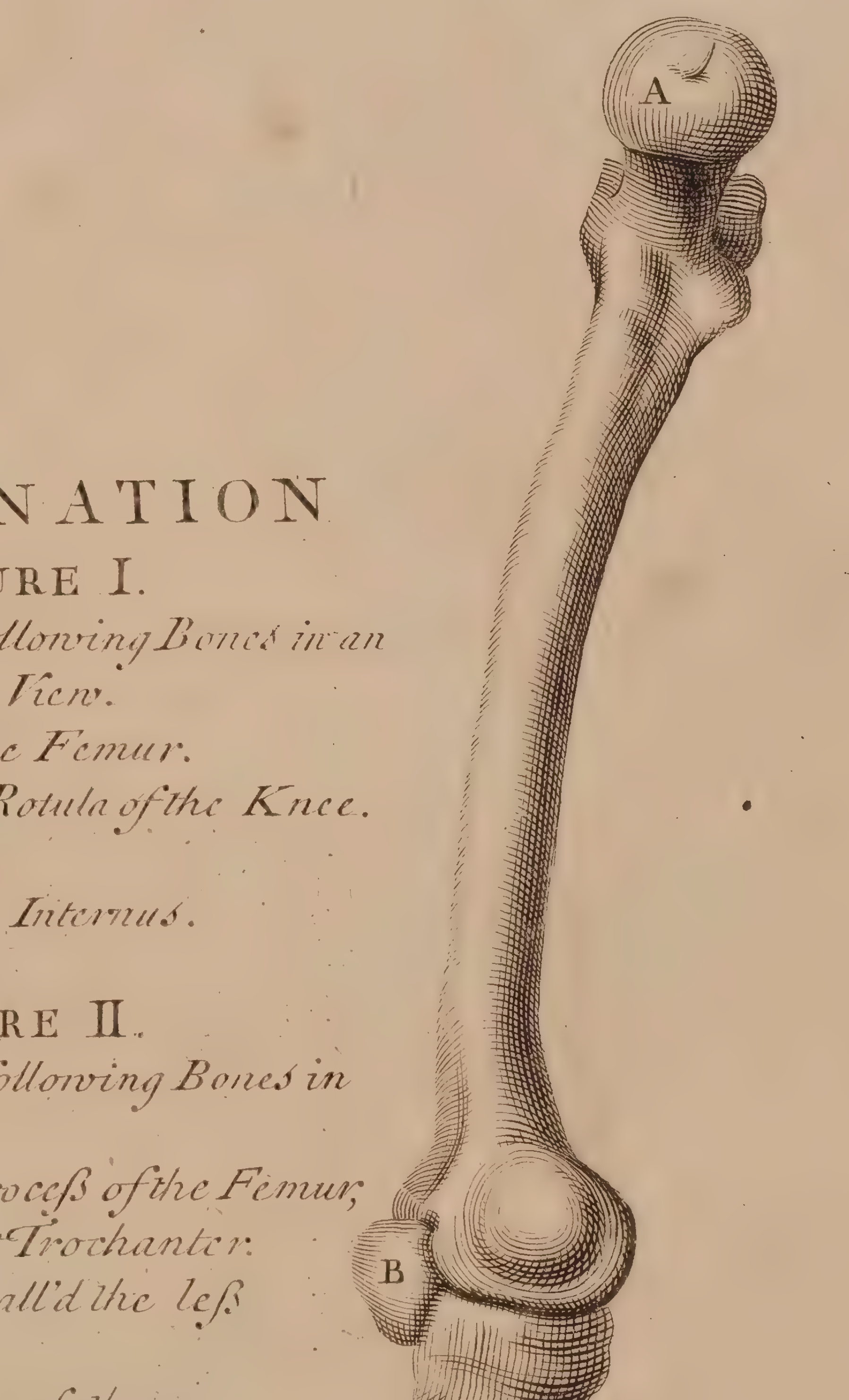


FIG. I.



EXPLANATION

FIGURE I.

Shewing the following Bones in an In-Side View.

A. *The Head of the Femur.*
B. *The Patella or Rotula of the Knee.*
C. *The Tibia.*
D. *The Malleolus Internus.*

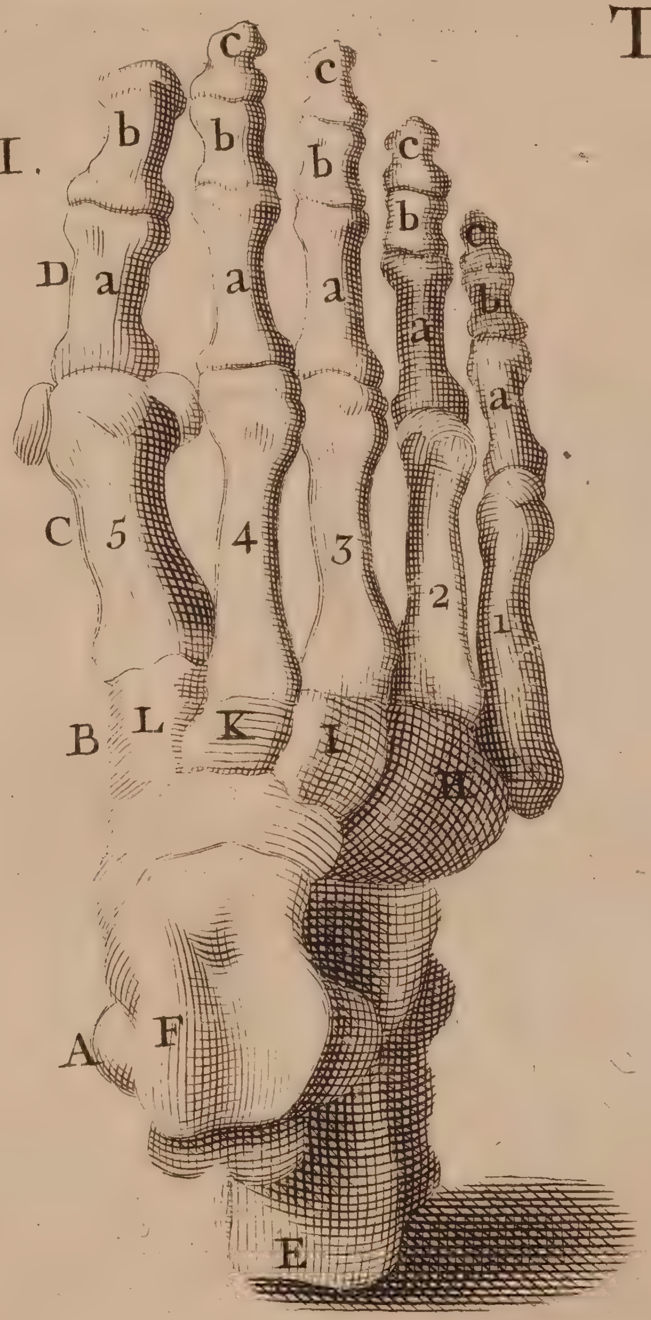
FIGURE II.

Shewing the following Bones in a Hind View.

A. *The larger Proceſs of the Femur, call'd the great Trochanter.*
B. *The Proceſs call'd the leſs Trochanter.*
D. *The Fibula, one of the Bones of the Leg.*
E. *The Malleolus Internus.*
F. *The Os Calcis.*

TAB. IX.

FIG. II.



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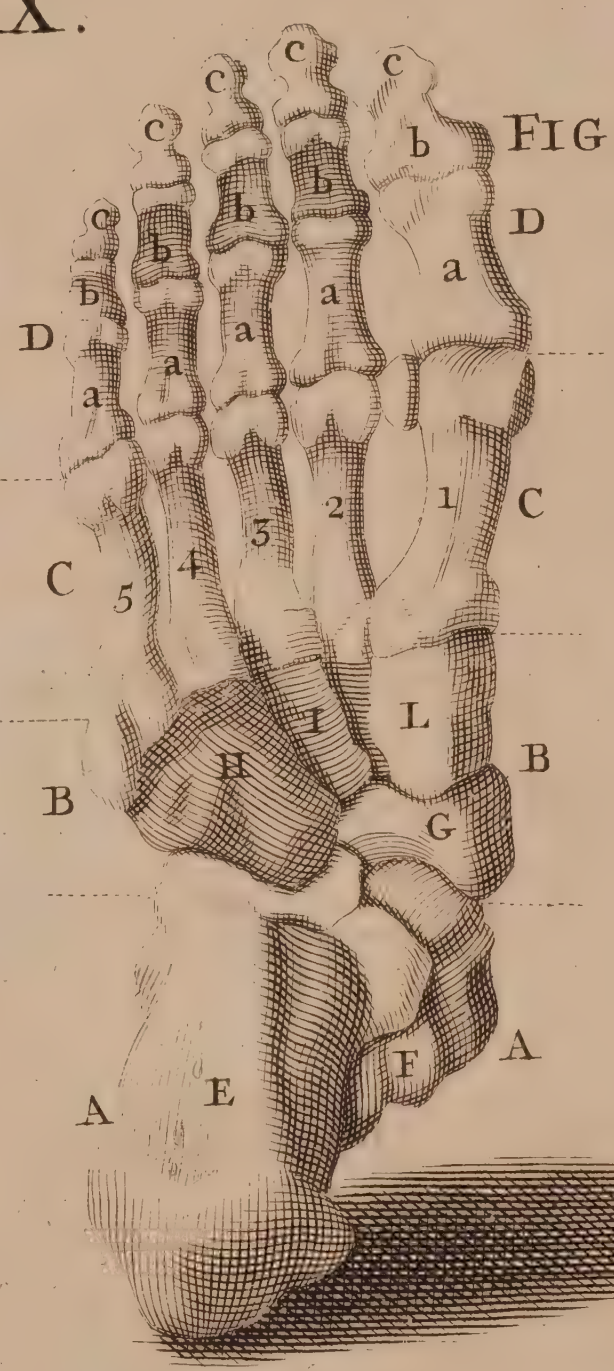

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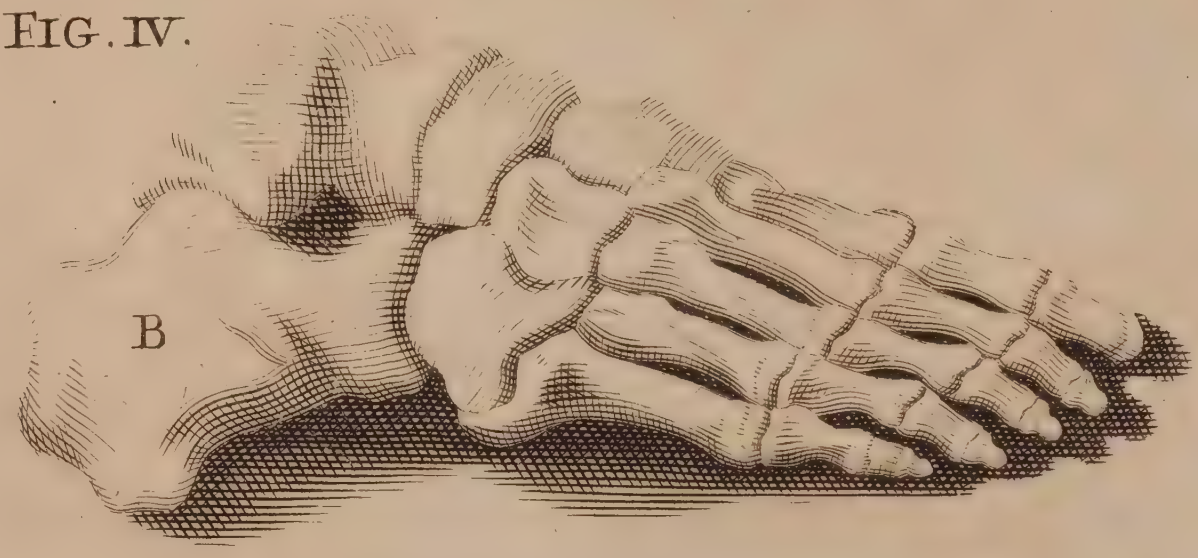

FIG. III

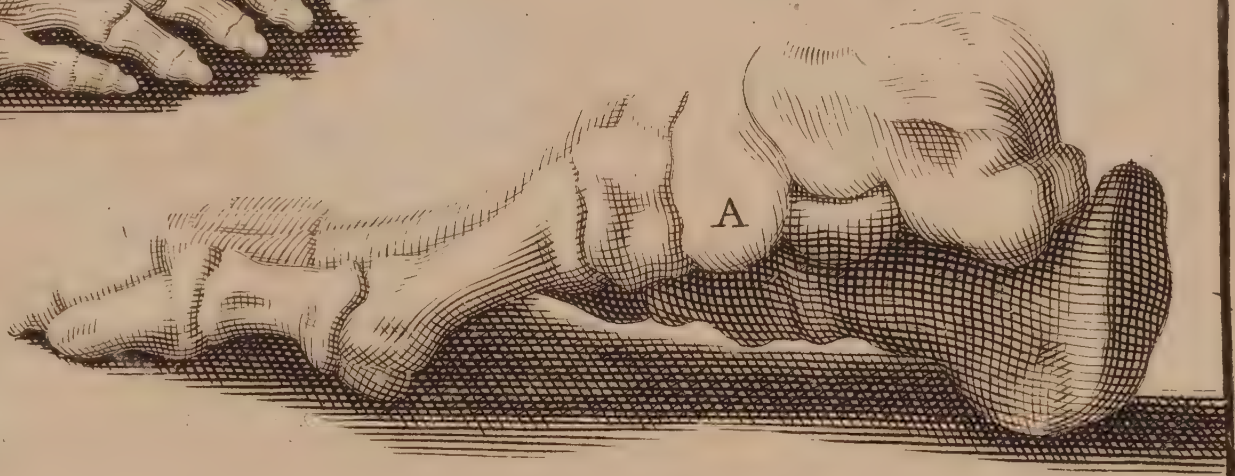

FIG. VI.

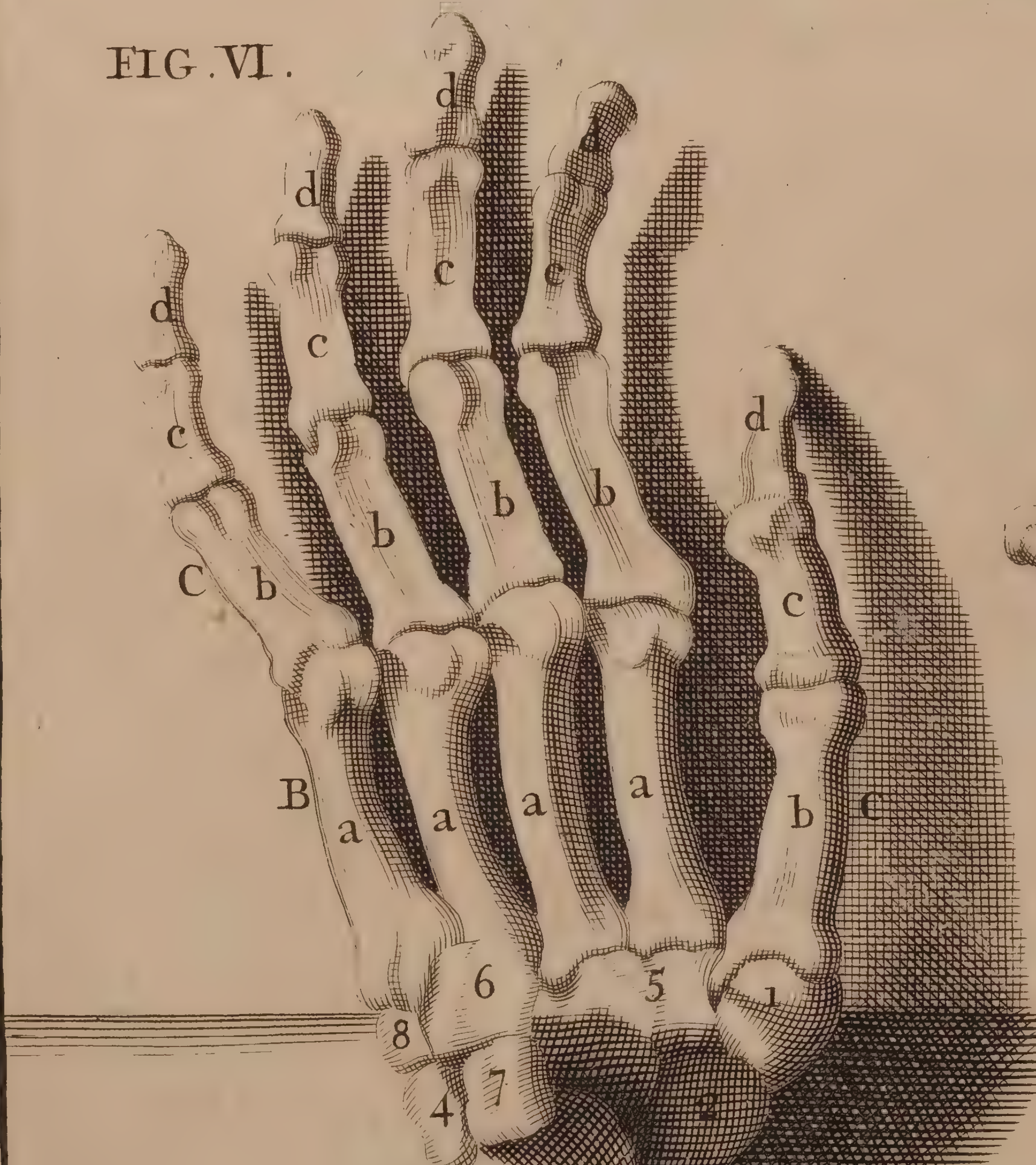

FIG. V.

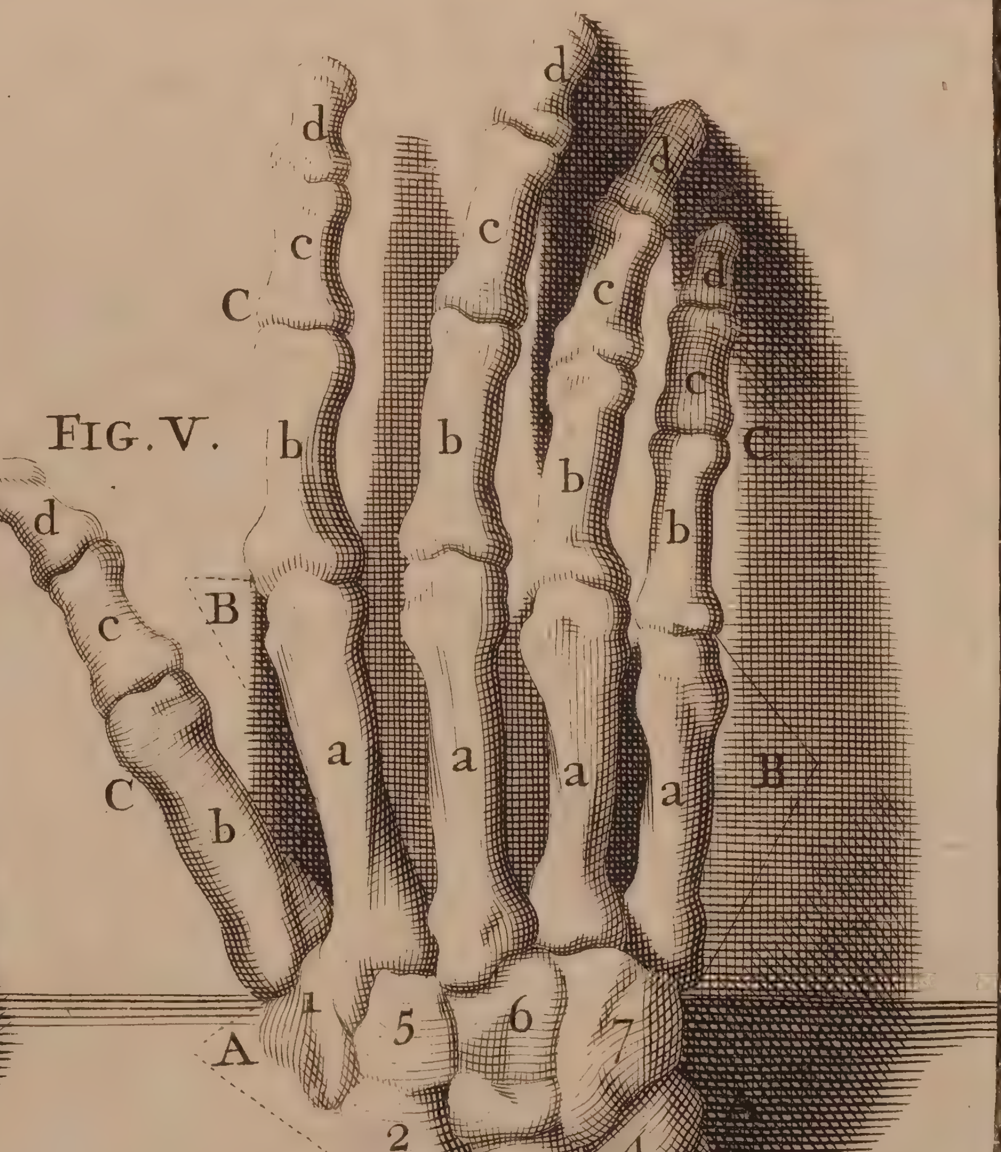

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TABLE X.

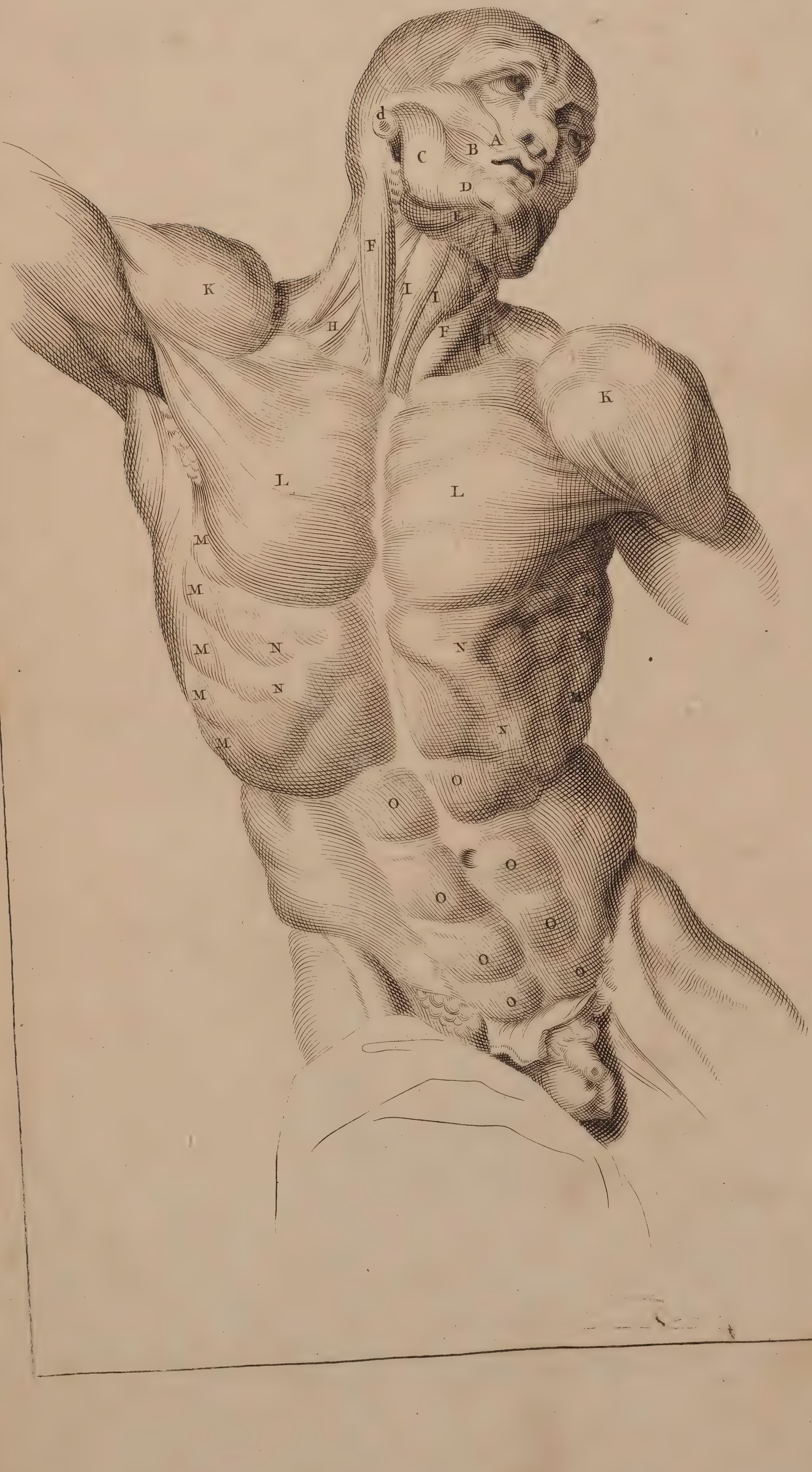

TABLE XI.

Shewing the Muſcles *of the* Human Trunk *in a Fore-ſide View.*

EXPLANATION.

A *Muſculi* Biventres.

B *Muſculi* Sternothyroidei.

Rectus -

C *Muſculus* Temporalis, *Serving to draw the Arm towards the Breaſt.*

D Tendons *of Muſcles which having their Origin in y^{e}* Scapula *ſerve to carry the* Humerus *round.*

E *Muſculus* Serratus Anticus Major *w^{ch} ariſes from y^{e}* Baſis *of y^{e}* Scapula *& Serves to move it forwards and downwards.*

F *A Muſcle called* Obliquus deſcendens Abdominis *w^{ch} wth y^{e}* Rectus & Tranſverſalis, *Serves to compreſs the lower* Venter *or* Abdomen.

G. *Muſculus* Tranſverſalis *of the* Abdomen.

H *The* Latiſſimus-Dorſi *which ſee more diſtinctly in the following* Figure.

I *Muſculi* Glutæi *whereof in their Place.*

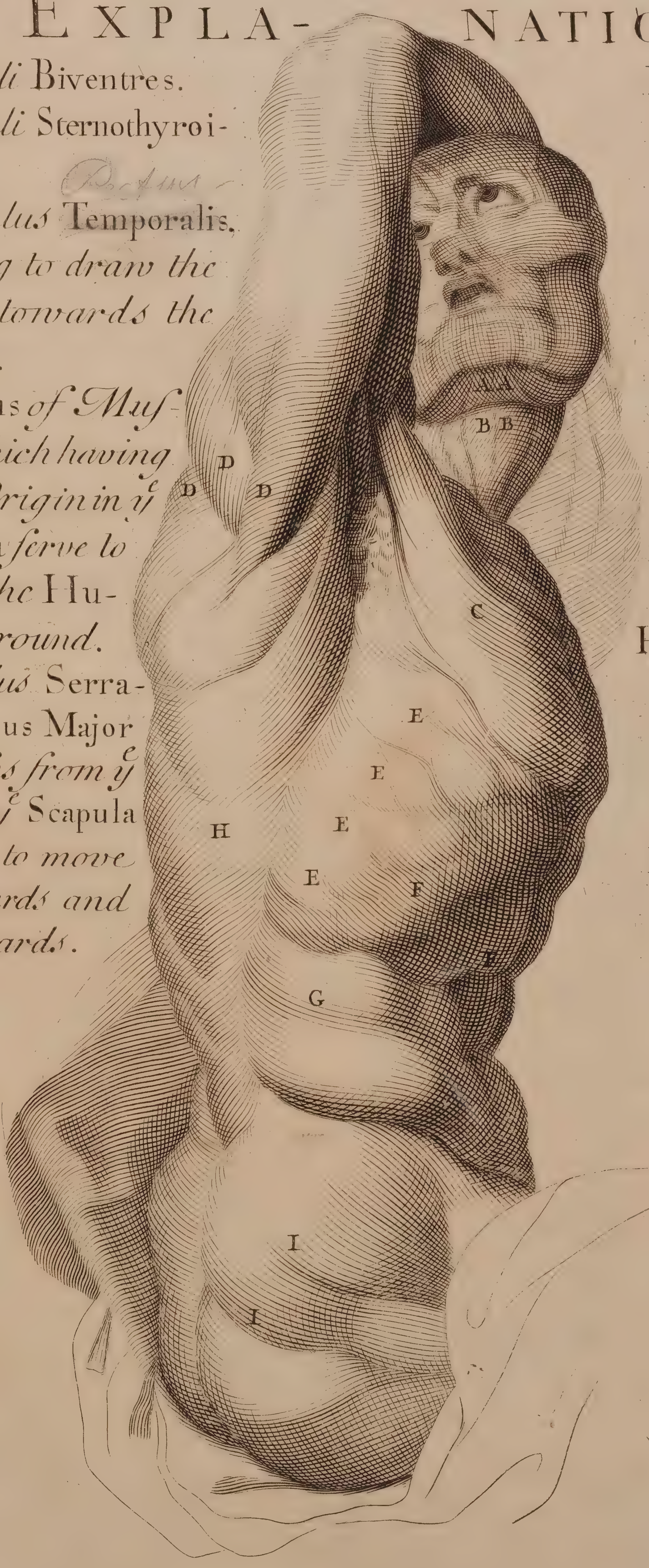

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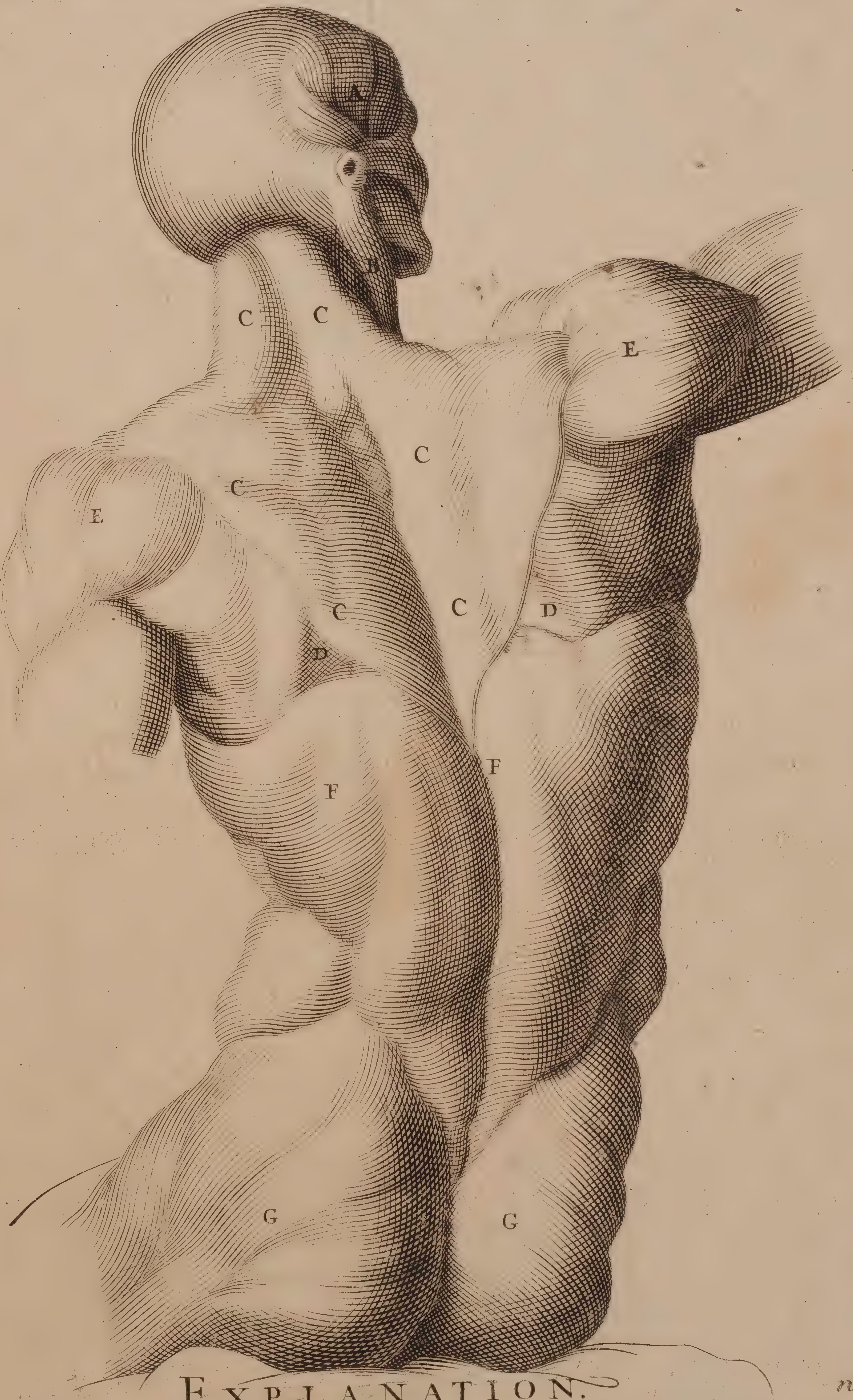
TABLE XII.

Shewing thoſe Muſcles w.^{ch} appear at firſt ſight in y^{e} Hind Part of the Human Trunk or Buſto.



EXPLANATION.

A. Muſculus Temporalis, which ſerves to raiſe the lower Jaw.

B The Maſtoideus already mentioned.

C. Muſculus Trapezius or Cucullaris ſerving to draw y^{e} Scapula upwards and Sidewiſe.

D. Parts of y^{e} Muſculus Rhomboides w.^{ch} ſerves to move y^{e} Scapula obliquely upwards.

E. Muſculus Deltoides, one of y^{e} Elevators of y^{e} Scapula.

F. A Muſcle from its largeneſs call'd Latiſſimus Dorſi, & ſometimes Aniſcalptor, from its Action backwards & downwards.

G Muſculi Glutæi majores. which are the Extenſors of the Femur.

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TABLE. XIII. Shewing the MUSCLES & other Parts lying underneath y^{e} Members mentioned in the Foregoing Table.

A *Muſculi* Splenij *w.^{ch} with ſome others, and particularly thoſe y^{t} follow, ſerve to throw back the* Head.

B *Muſculi* Complexi.

C *Muſculi* Levatores Scapulæ, *commonly call'd Muſculi* Patientiæ, *from their Action in ſhrugging up y^{e} ſhoulders, in forced Submiſsions.*

D *The* Scapula *ſtripped of its Muſcles.*

E *Muſculus* Rhomboides, *ſerving to move the* Scapula *obliquely upwards.*

F *The Muſculus* Longiſſimus Dorſi, *whoſe Uſe is to raiſe the* Vertebræ *and the* Trunk.

G *Muſculus* Latiſſimus Dorſi, *already mentioned.*

H Os Ilium.

a Ribs.

b *External* Intercoſtal Muſcles, *ſerving to draw the* Ribs *upwards.*

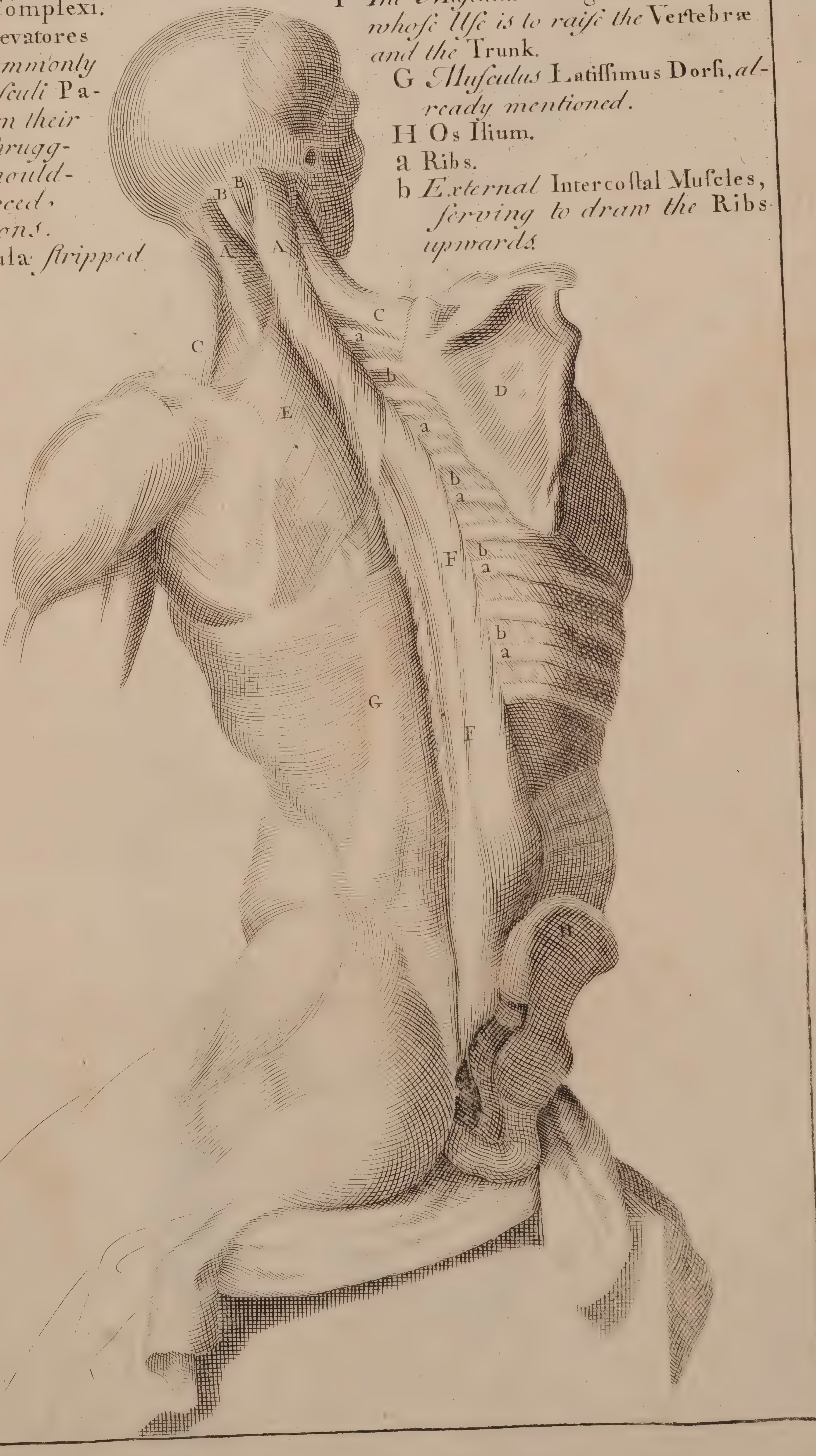
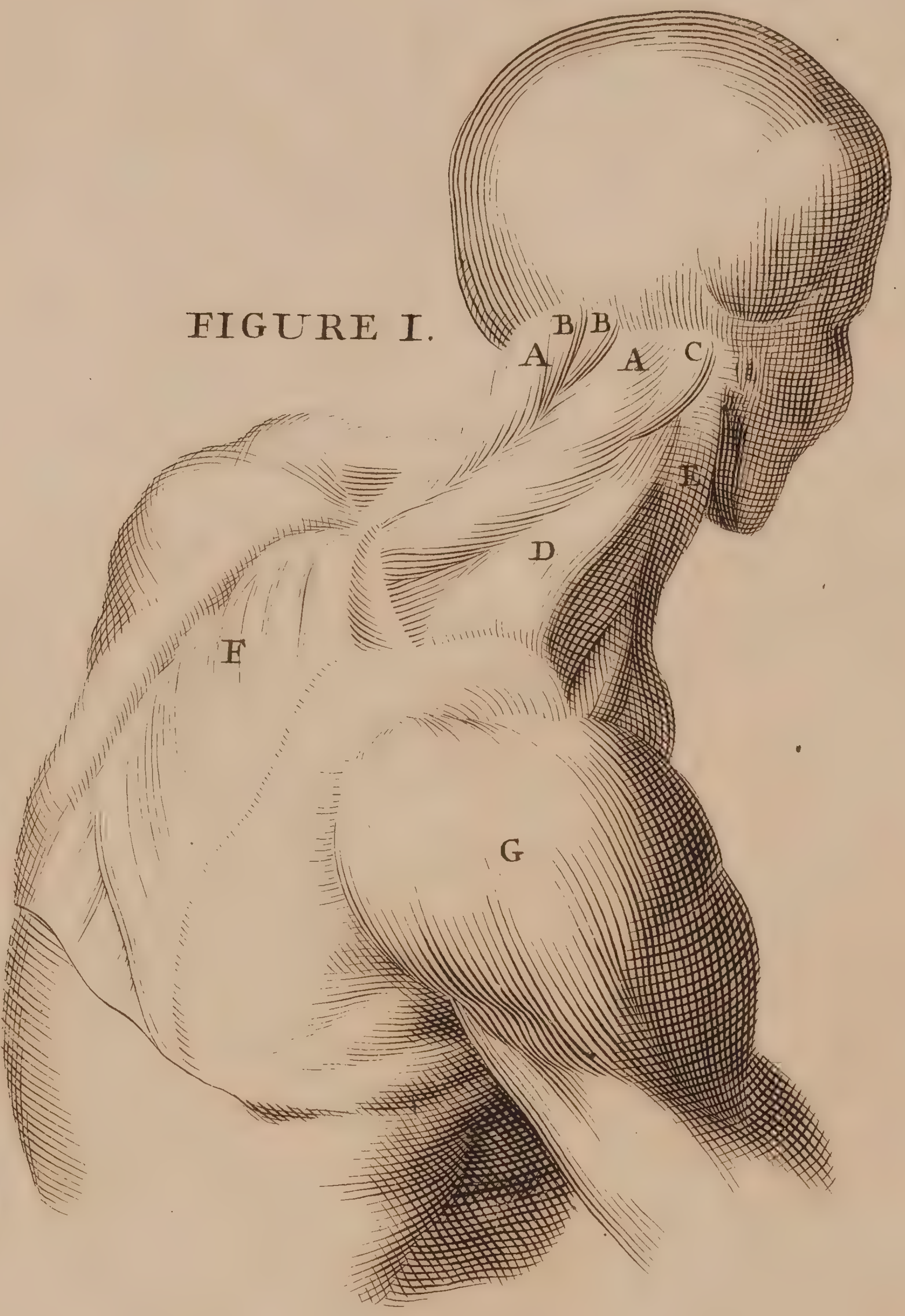


TABLE XIV.

FIGURE I.



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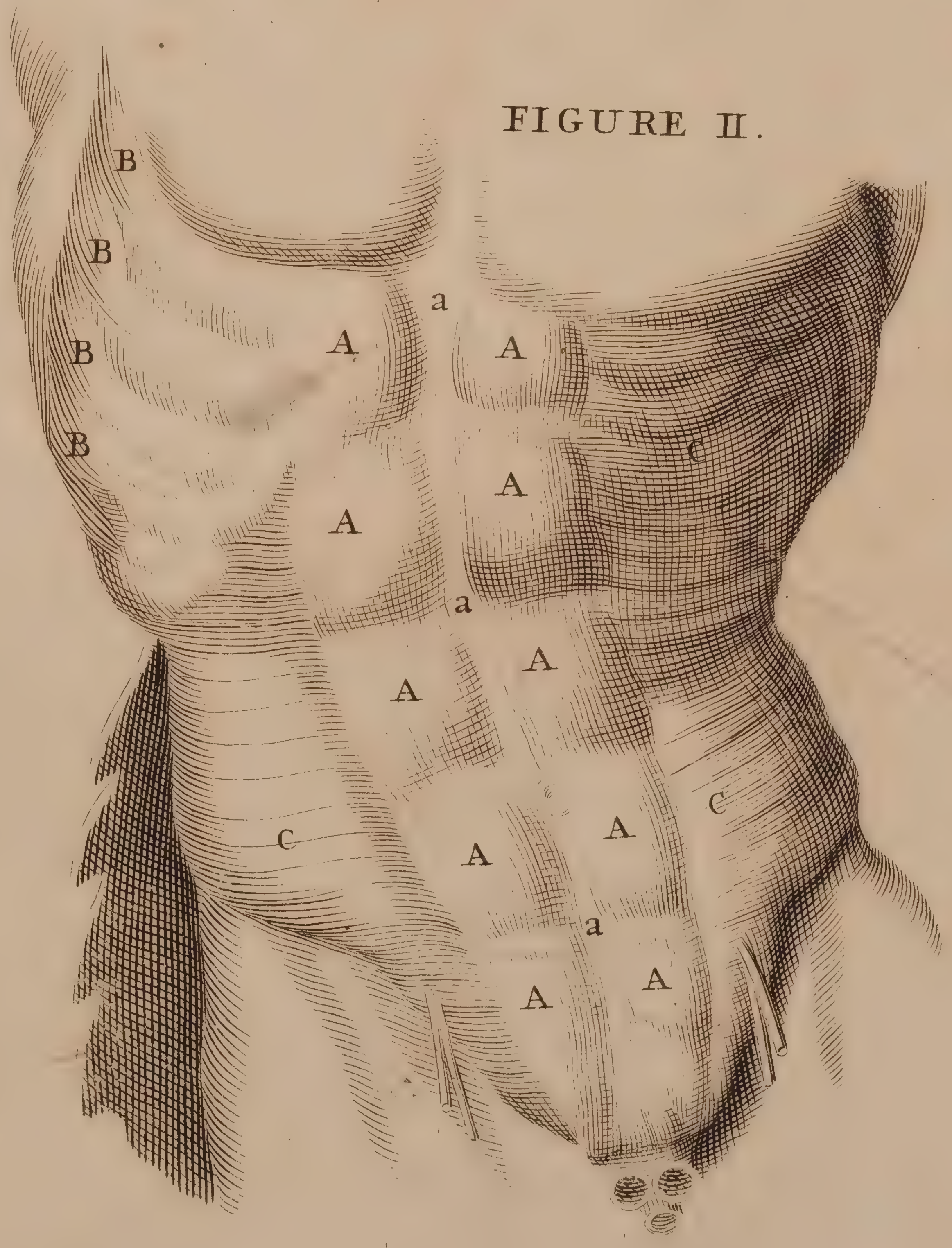

EXPLANATION OF TABLE XVI.

Wherein are ſhewn the Muſcles *of the* Arm *and* Hand *in Fore-ſide Views; already mentioned* in the former Table.

FIGURE I.

A *Muſculus* Deltoides.
B *Muſculus primus extenſor* Cubiti.
C *Muſculus* Biceps.
D *Muſculus flexor Externus* Carpi.
E *Muſculus* Brachiæus.
F *Muſculus Flexor* 2.di Internodii Digitorum.
G *Muſculus Flexor Internus* Carpi.
H *Muſculus Secundus extenſor Pollicis.*
a *Tendons of the Muſculus Flexor* 2.di Internodii *Digitorum perforatus.*
b *Tendons of the Muſculus Flexor* 2.di Internodii *Digitorum perforans.*
c *Muſculus extenſor* Pollicis *Primus.*

FIGURE II.

A *Muſculus* Deltoides.
B *Muſculus* Biceps.
C *Muſculus Extenſor* Carpi *internus.*
D *Muſculus Flexor* Carpi *externus.*
E *Muſculus extenſor* Digitorum *primus.*
F *Muſculus extenſor* Digitorum *Secundus.*
G *Muſculus extenſor* Pollicis *Secundus.*
H *Muſculus extenſor* Pollicis *primus.*

TABLE XVII.

Wherein are repreſented the Muſcles of the Arm, and Hand, in ſeveral Situations.

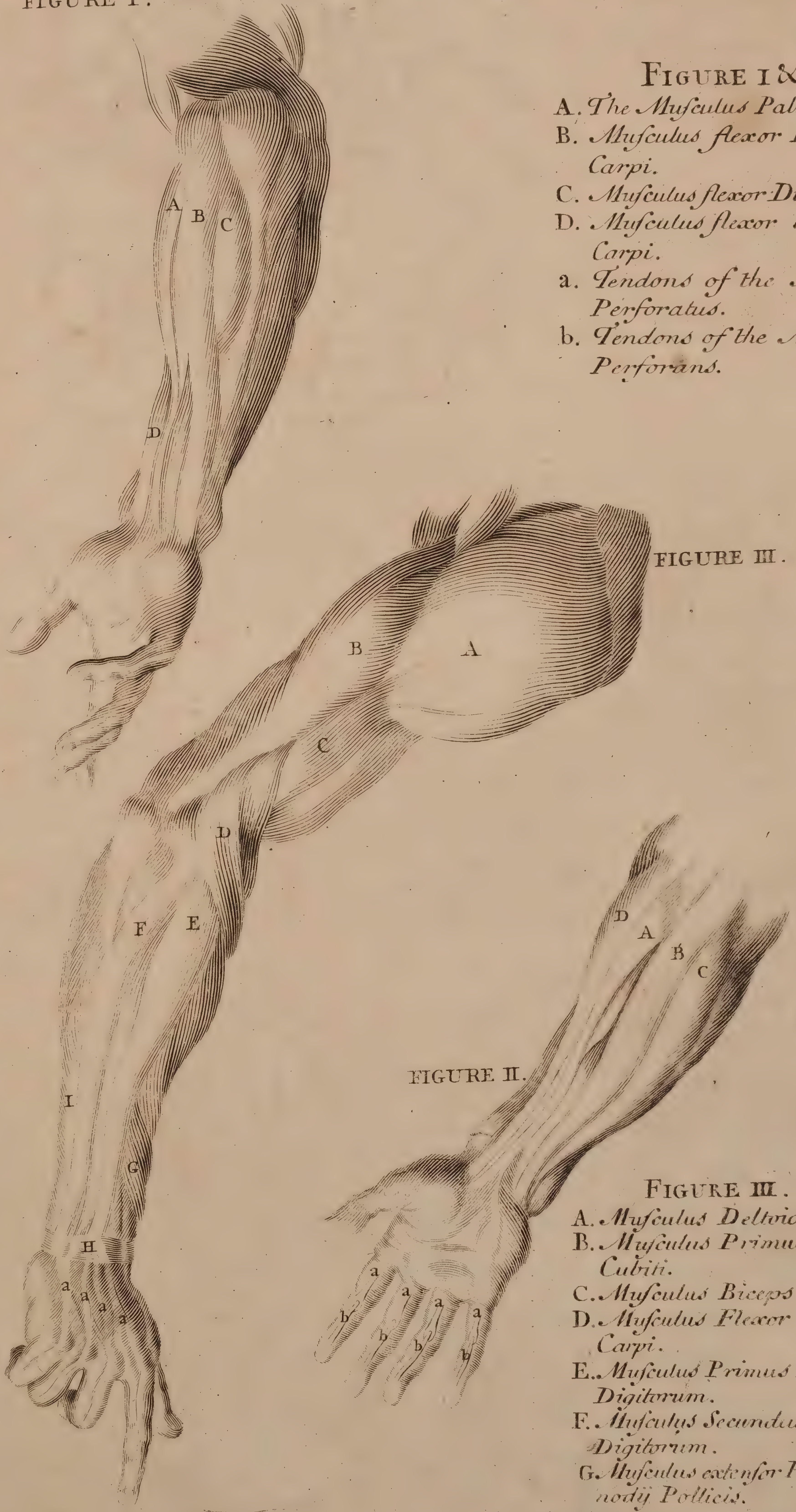

FIGURE I & II.

A. *The Muſculus Palmaris.*

B. *Muſculus flexor Internus Carpi.*

C. *Muſculus flexor Digitorum.*

D. *Muſculus flexor externus Carpi.*

a. *Tendons of the Muſculus Perforatus.*

b. *Tendons of the Muſculus Perforans.*

FIGURE III.

A. *Muſculus Deltoides.*

B. *Muſculus Primus extenſor Cubiti.*

C. *Muſculus Biceps.*

D. *Muſculus Flexor externus Carpi.*

E. *Muſculus Primus Extenſor Digitorum.*

F. *Muſculus Secundus Extenſor Digitorum.*

G. *Muſculus extenſor Primi Internodij Pollicis.*

H. *Ligamentum Annulare of the Carpus.*

I. *Muſculus extenſor internus Carpi.*

a. *Tendons of the Muſculi extenſores Digitorum.*

EXPLANATION OF TABLE XIX.

Wherein are ſhewn the MUSCLES of yᵉ THIGH, LEG and FOOT, in FRONT, and in OUT-SIDE Views.

FIG. I.

A *Muſculi* Glutæi, *Serving to draw up the Thigh.*

B *A Muſcle call'd* Faſcialis, *from its running a-thwart yᵉ Thigh like a Swath; &* Sartorius *from the Uſe Taylors make of it in lifting one leg a-croſs the other.*

C *Muſculus* Rectus.

D *Muſculus* vaſtus internus.

E *Muſculus* vaſtus externus, *all three appointed to extend the Leg.*

F Os Tibiæ.

G *Muſculus* Tibialis anticus, *ſerving to raiſe or bend yᵉ Foot*

H. *Muſculus* Peronæus poſticus *ſerving to draw or raiſe yᵉ foot inwardly*

LKI *Muſculus* Gemellus, *call'd alſo Gaſtrocnemius & Soleus, wᶜʰ appearing united, form yᵉ Calf of the Leg, & will be ſhewn more diſtinctly in yᵉ following Table.*

M *Muſculus* extenſor tertii Internodij Digitorum.

N *Muſculus* extenſor tertii Internodij Pollicis.

O *Ligamentum Annulare of yᵉ Foot, which binds in yᵉ Tendons of the Muſcles underneath it.*

a Tendons *of the Muſculus extenſor tertii Internodij Digitorum.*

b Tendons *of the Muſculus extenſor tertii Internodij Pollicis.*

FIG. II.

A. *Muſculi* Glutæi.

B *Muſculus* Vaſtus externus

C *Muſculus* Rectus

D *Muſculus* Biceps *wᶜʰ wᵗʰ ſome others ſerves to bend the* Knee.

E *Muſculus* Semimembranoſus, *ſerving alſo to bend yᵉ* Knee.

F Rotula *or* Patella *of the* Knee.

G. *Muſculus* Tibialis anticus.

H. *Muſculus* Peronæus Poſticus.

IK *Muſculus* Gaſtrocnemius & Soleus *united.* — L. *Muſculus* extenſor 3.ᵗⁱʲ Internodij Digitorũ.

a *Tendon of the* Muſculus extenſor 3.ᵗⁱʲ internodij Pollicis.

TABLE XX

FIGURE II.

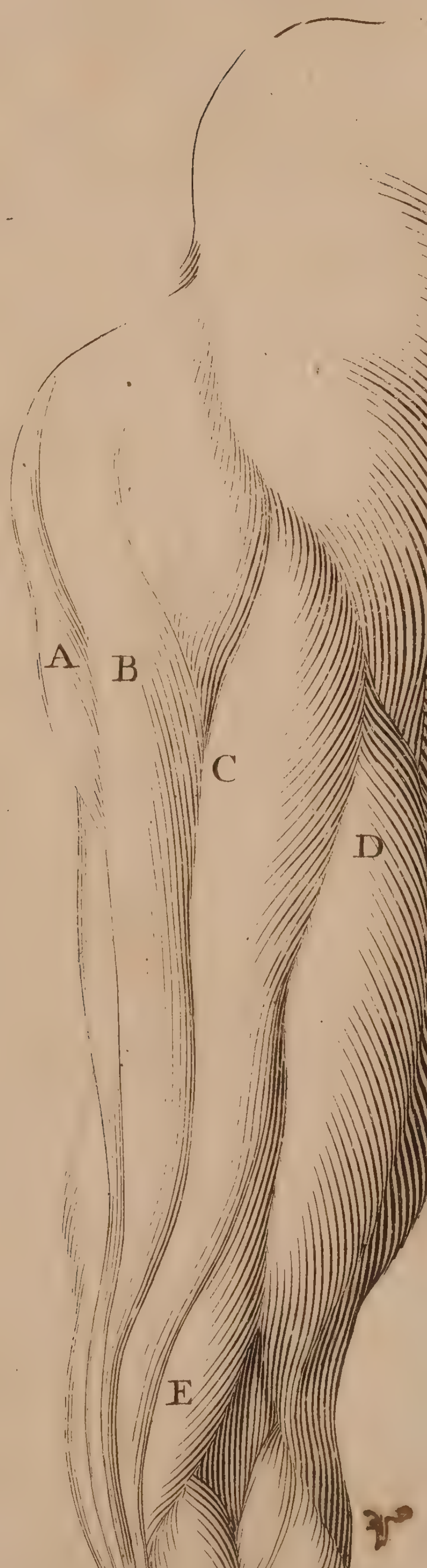

FIGURE I.

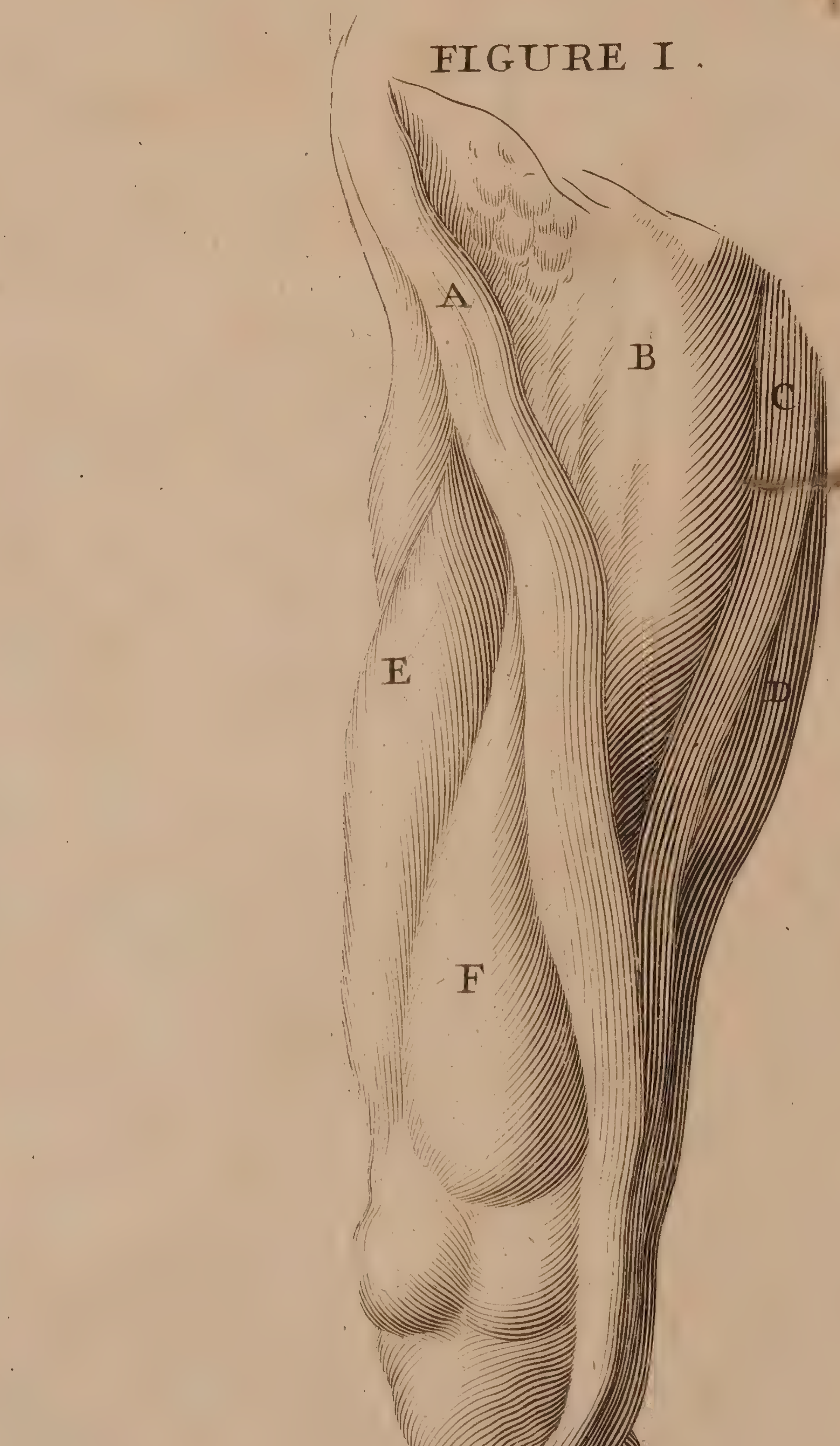

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TABLE XXI

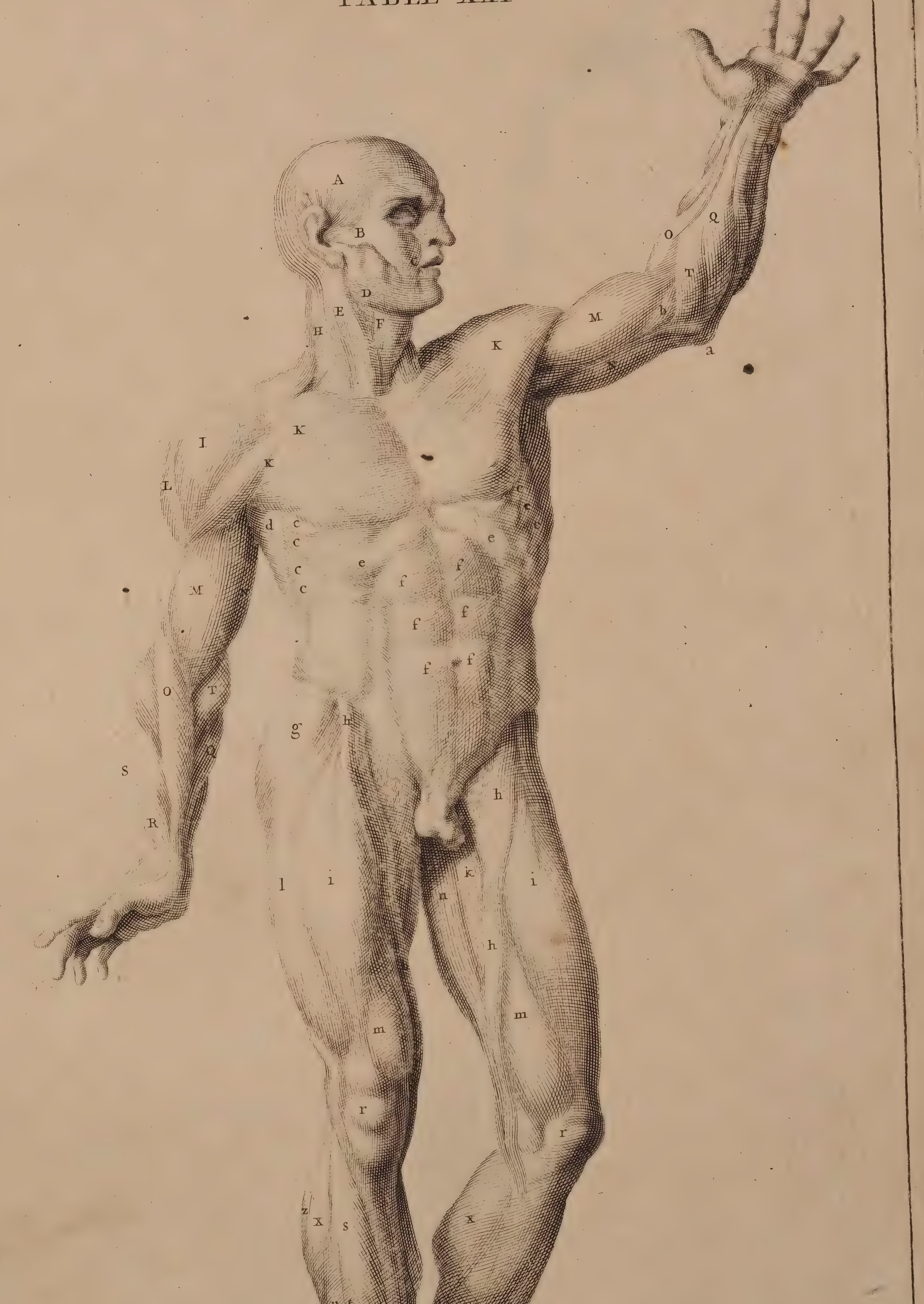
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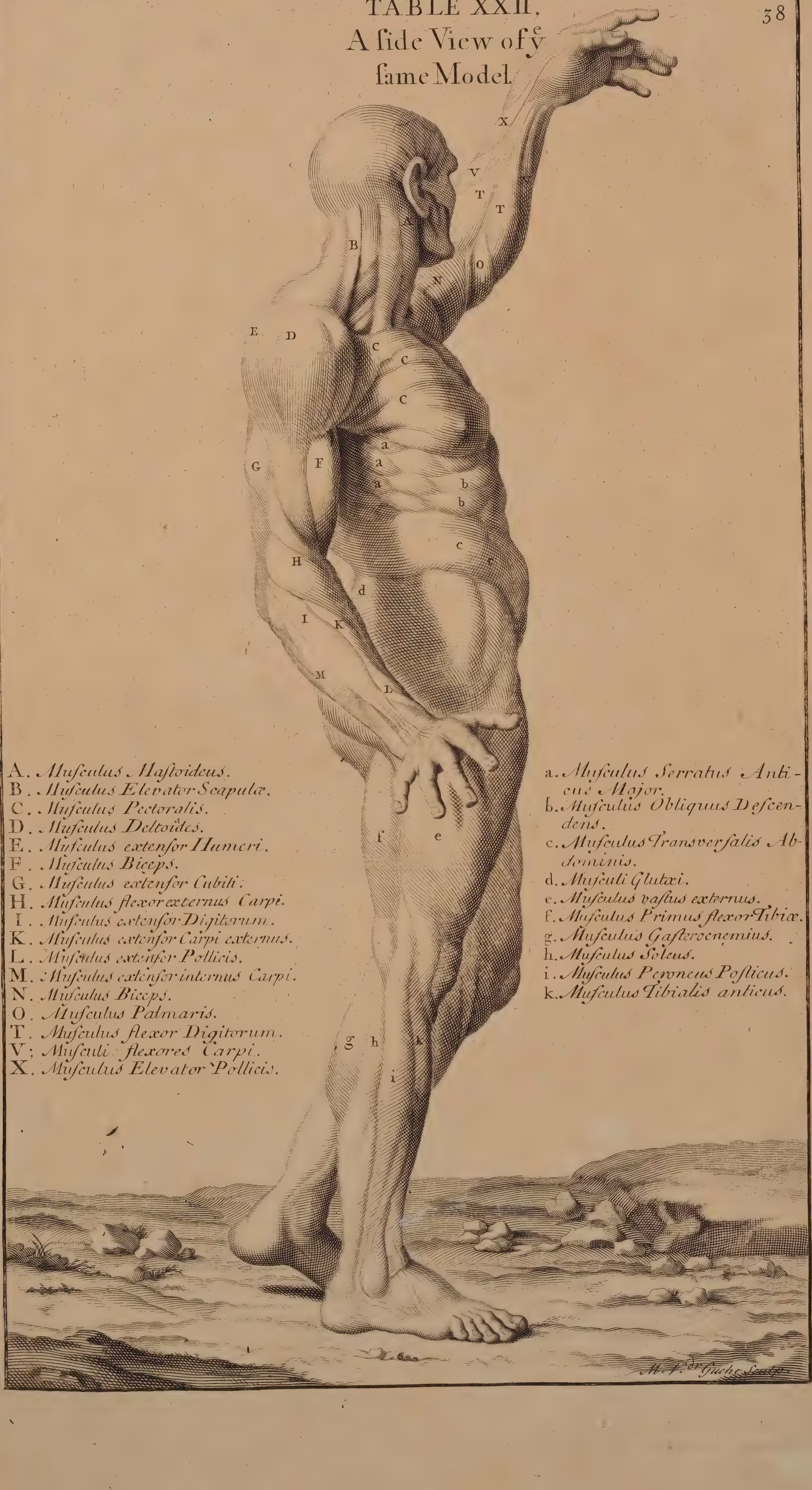
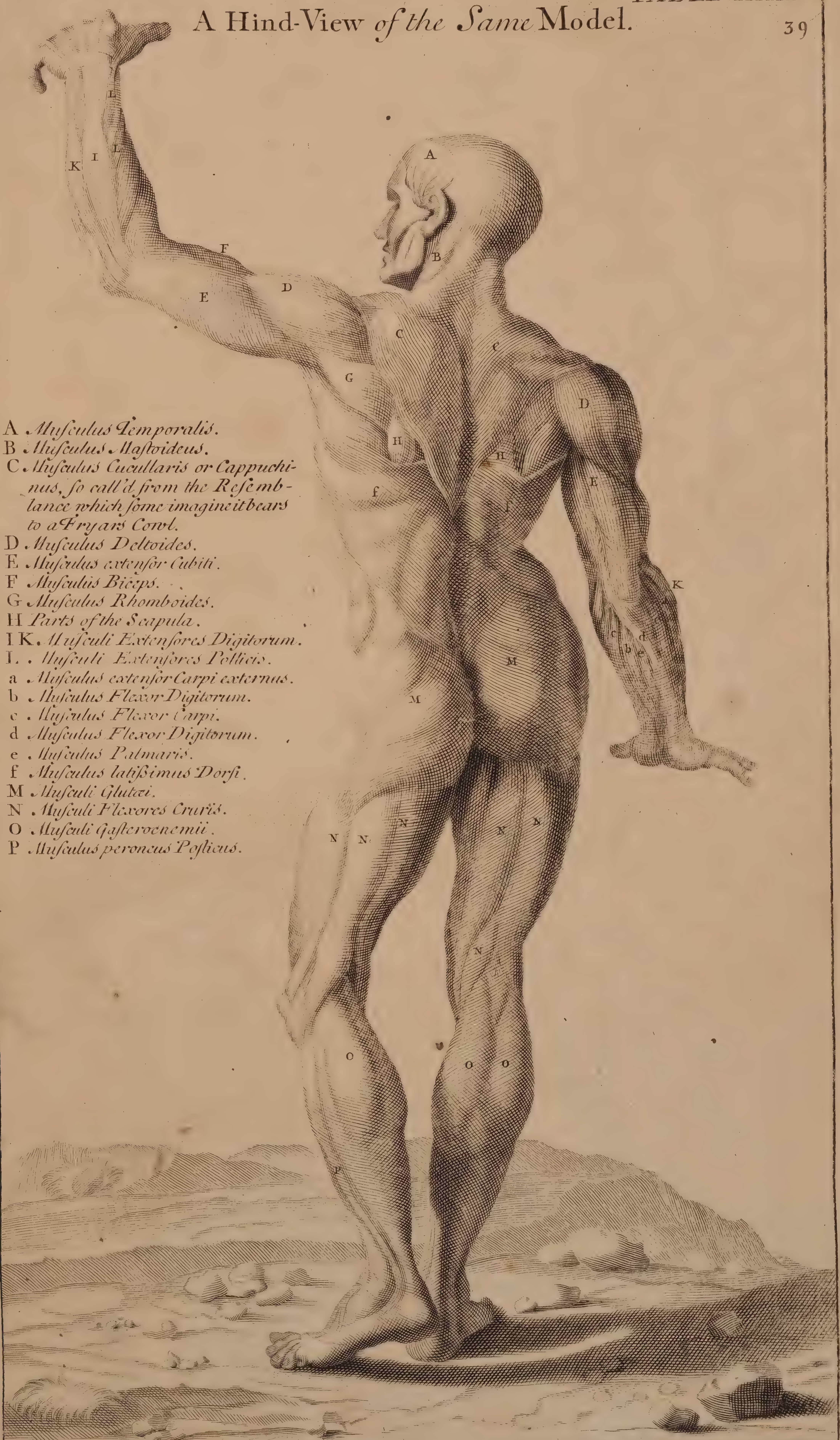
TABLE XXII.
A ſide View of yᵉ ſame Model.



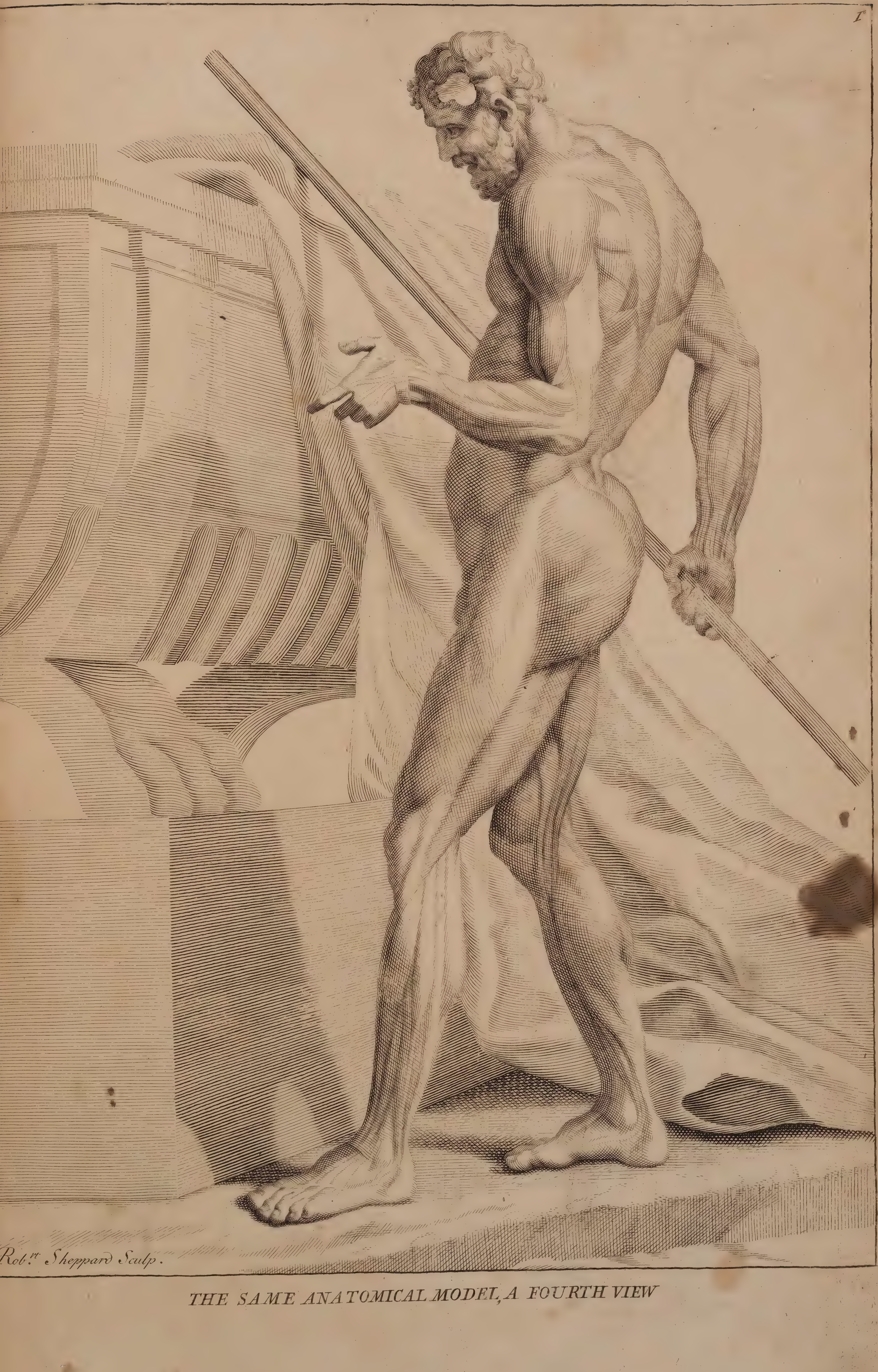
A. *Muſculus Maſtoideus.*
B. *Muſculus Elevator Scapulæ.*
C. *Muſculus Pectoralis.*
D. *Muſculus Deltoïdes.*
E. *Muſculus extenſor Humeri.*
F. *Muſculus Biceps.*
G. *Muſculus extenſor Cubiti.*
H. *Muſculus flexor externus Carpi.*
I. *Muſculus extenſor Digitorum.*
K. *Muſculus extenſor Carpi externus.*
L. *Muſculus extenſor Pollicis.*
M. *Muſculus extenſor internus Carpi.*
N. *Muſculus Biceps.*
O. *Muſculus Palmaris.*
T. *Muſculus flexor Digitorum.*
V. *Muſculi flexores Carpi.*
X. *Muſculus Elevator Pollicis.*

a. *Muſculus Serratus Anticus Major.*
b. *Muſculus Obliquus Deſcendens.*
c. *Muſculus Transverſalis Abdominis.*
d. *Muſculi Glutæi.*
e. *Muſculus vaſtus externus.*
f. *Muſculus Primus flexor Tibiæ.*
g. *Muſculus Gaſterocnemius.*
h. *Muſculus Soleus.*
i. *Muſculus Peroneus Poſticus.*
k. *Muſculus Tibialis anticus.*

A Hind-View *of the Same* Model.

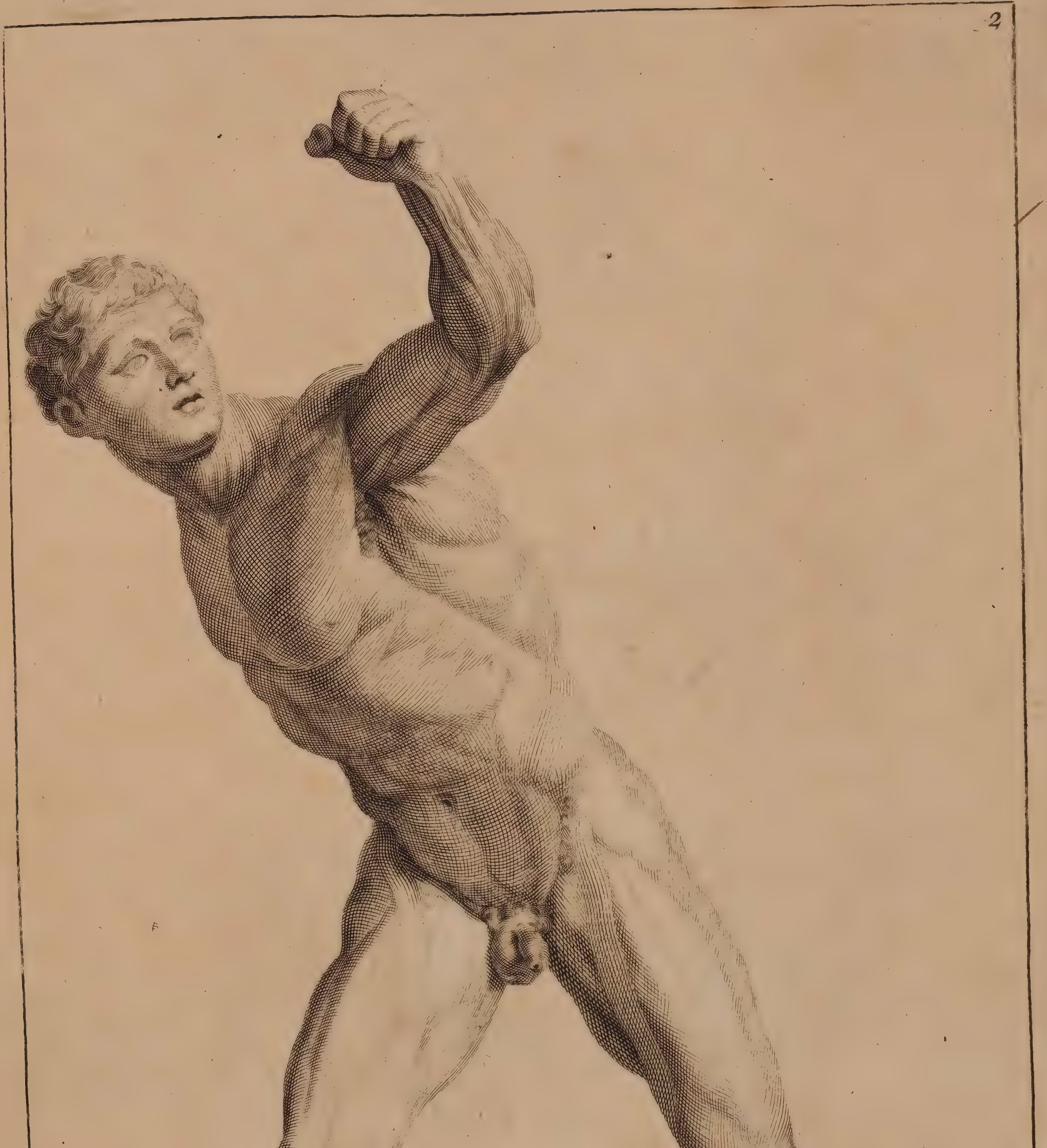


- A *Muſculus Temporalis.*
- B *Muſculus Maſtoideus.*
- C *Muſculus Cucullaris or Cappuchinus, ſo call'd from the Reſemblance which ſome imagine it bears to a Fryars Cowl.*
- D *Muſculus Deltoides.*
- E *Muſculus extenſor Cubiti.*
- F *Muſculus Biceps.*
- G *Muſculus Rhomboides.*
- H *Parts of the Scapula.*
- I K. *Muſculi Extenſores Digitorum.*
- L . *Muſculi Extenſores Pollicis.*
- a *Muſculus extenſor Carpi externus.*
- b *Muſculus Flexor Digitorum.*
- c *Muſculus Flexor Carpi.*
- d *Muſculus Flexor Digitorum.*
- e *Muſculus Palmaris.*
- f *Muſculus latiſsimus Dorſi.*
- M *Muſculi Glutæi.*
- N *Muſculi Flexores Cruris.*
- O *Muſculi Gaſterocnemii.*
- P *Muſculus peroneus Poſticus.*



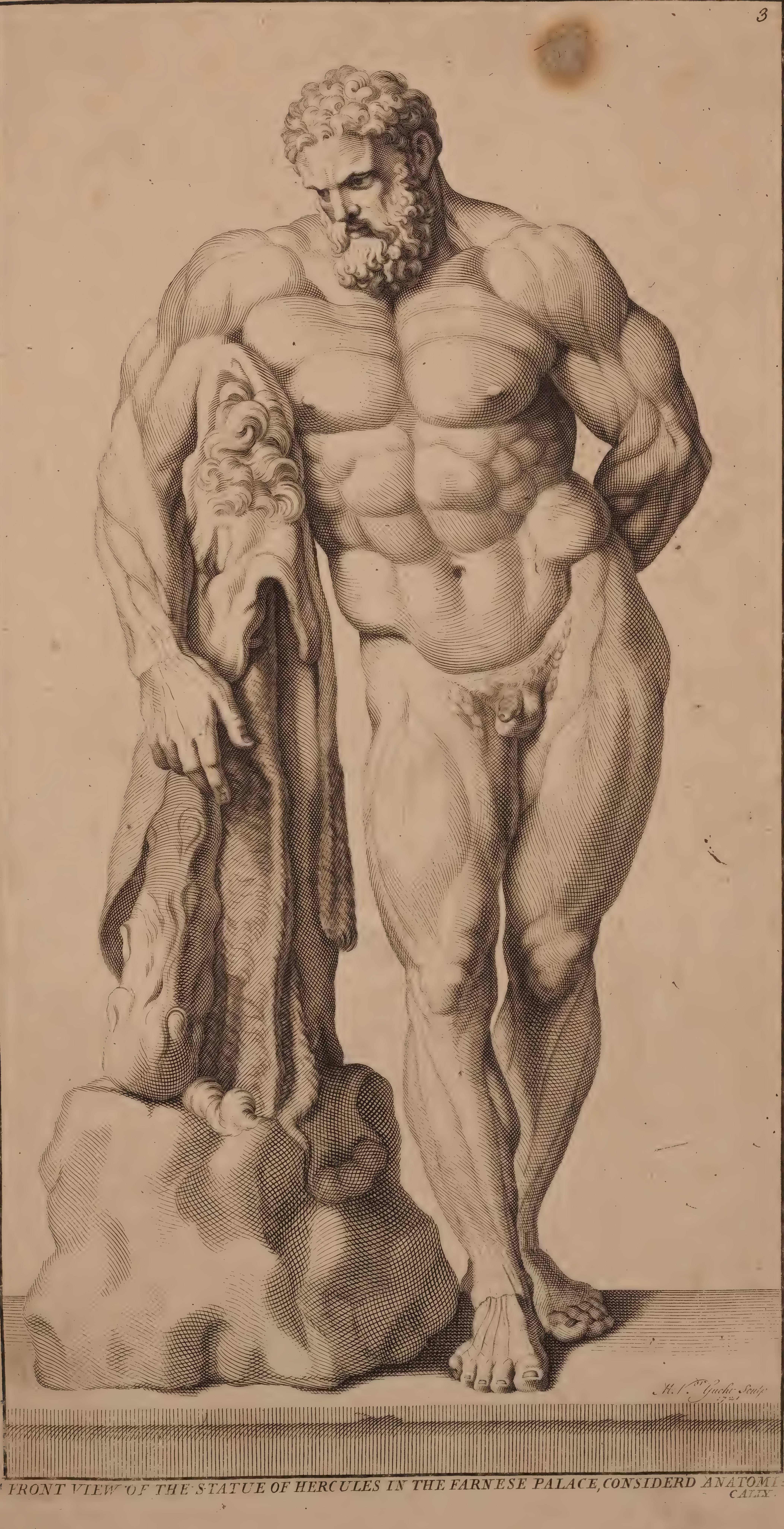
Rob.t Sheppard Sculp.

THE SAME ANATOMICAL MODEL, A FOURTH VIEW

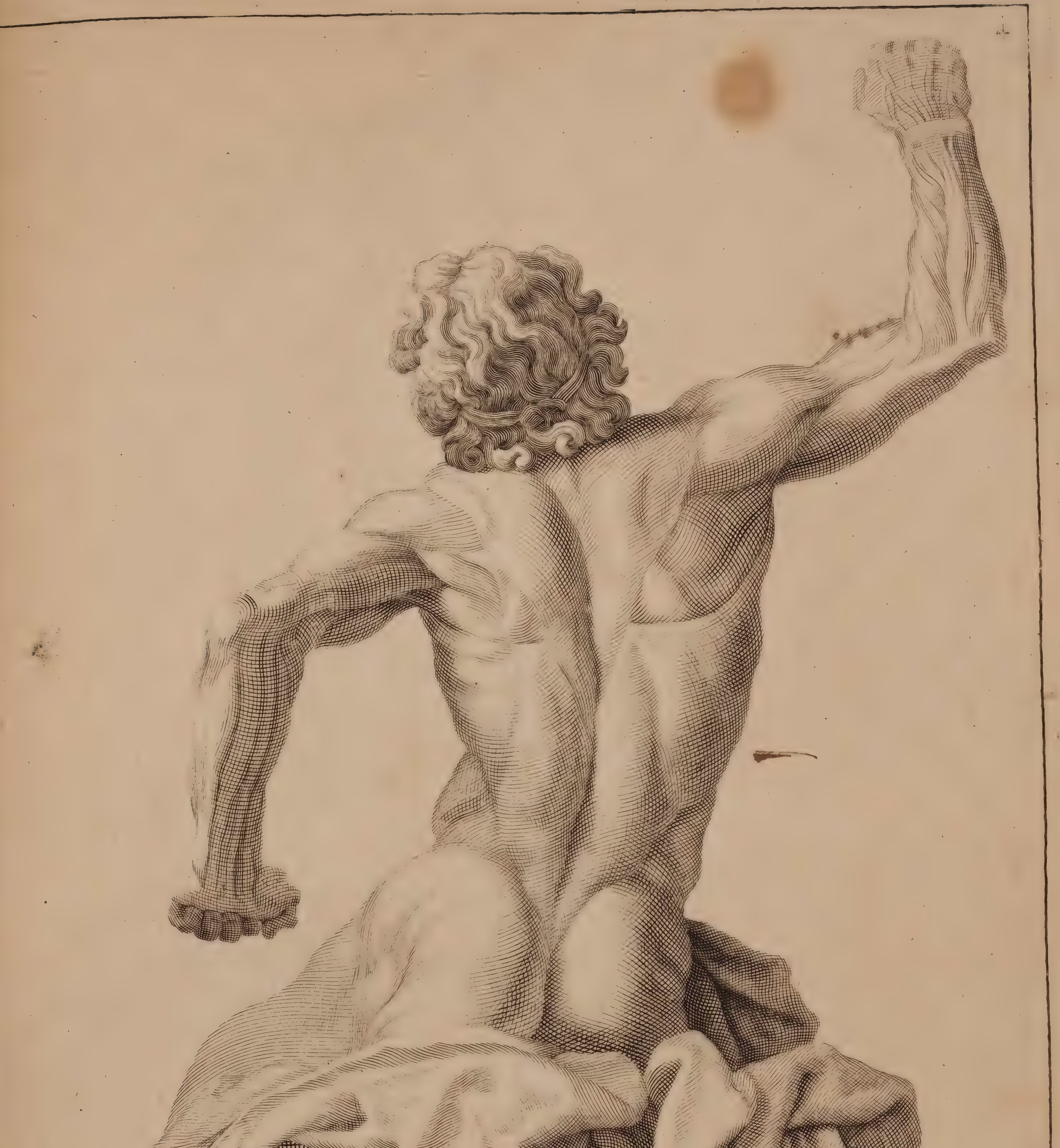


A SECOND FIGURE OF THE SAME GLADIATOR REPRESENTED IN A ½ FRONT VIEW

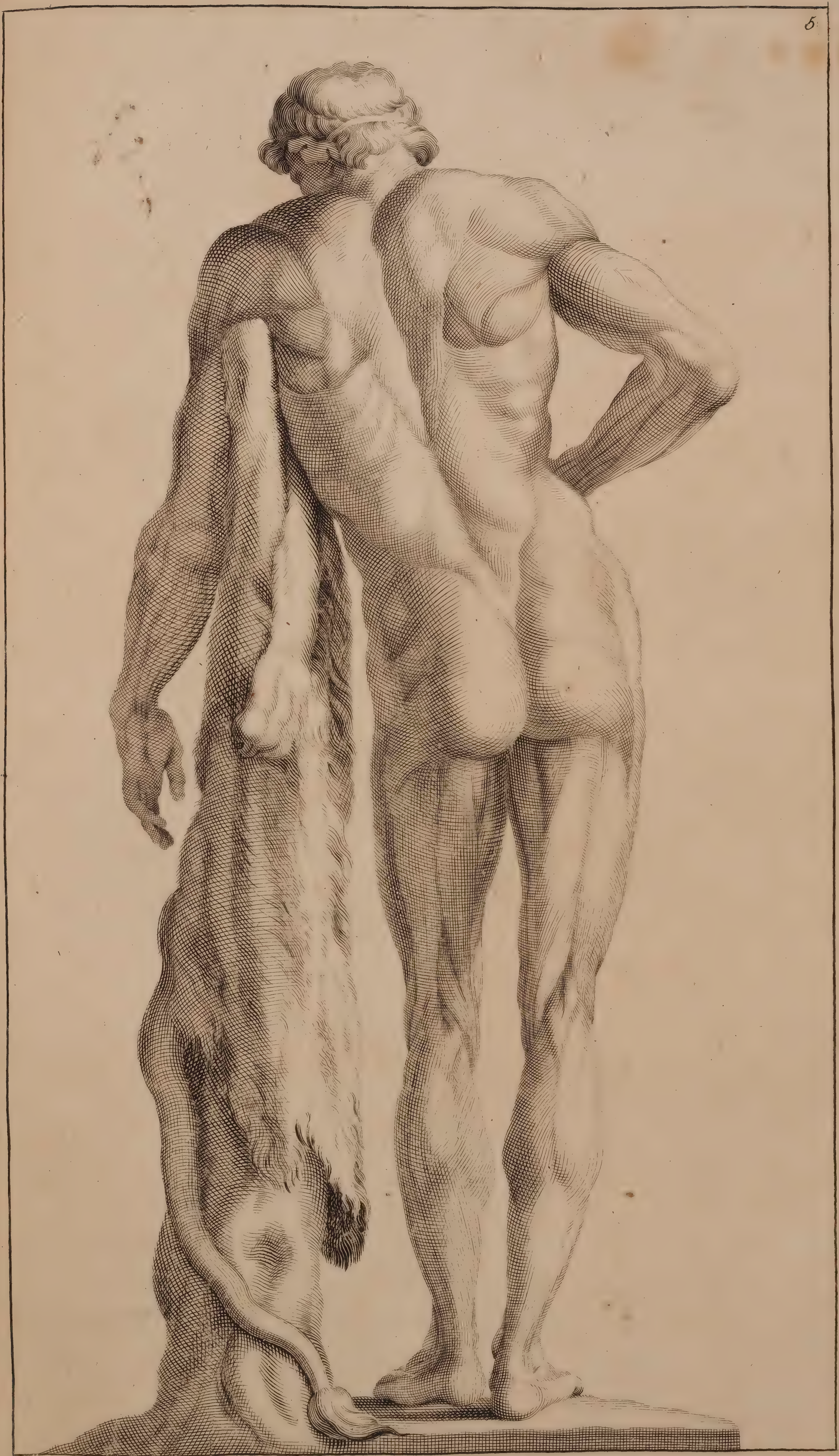
3



FRONT VIEW OF THE STATUE OF HERCULES IN THE FARNESE PALACE, CONSIDERD ANATOMICALLY.

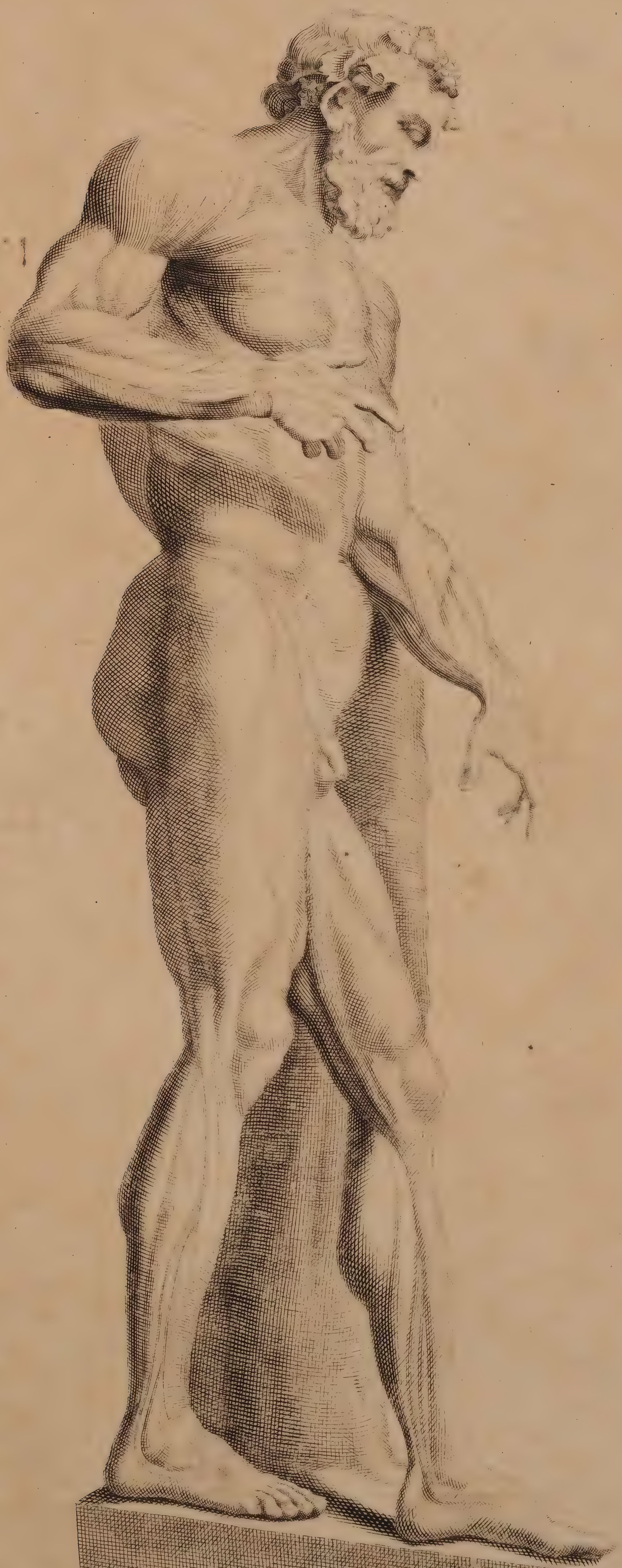


A THIRD VIEW OF THE LAOCOON, SEEN FROM BEHIND.

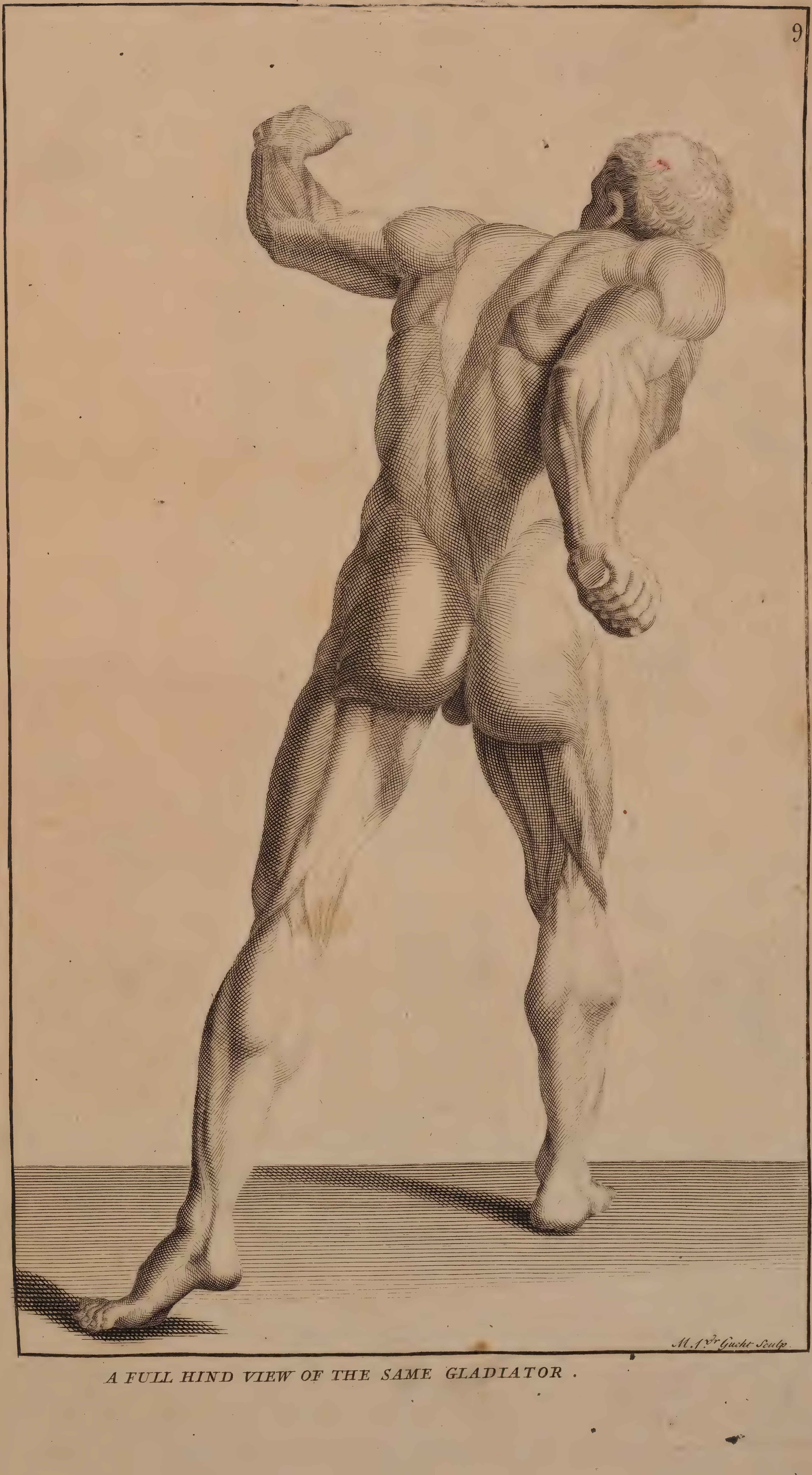


THE SAME ANATOMICAL MODEL; VIEW'D FROM BEHIND.

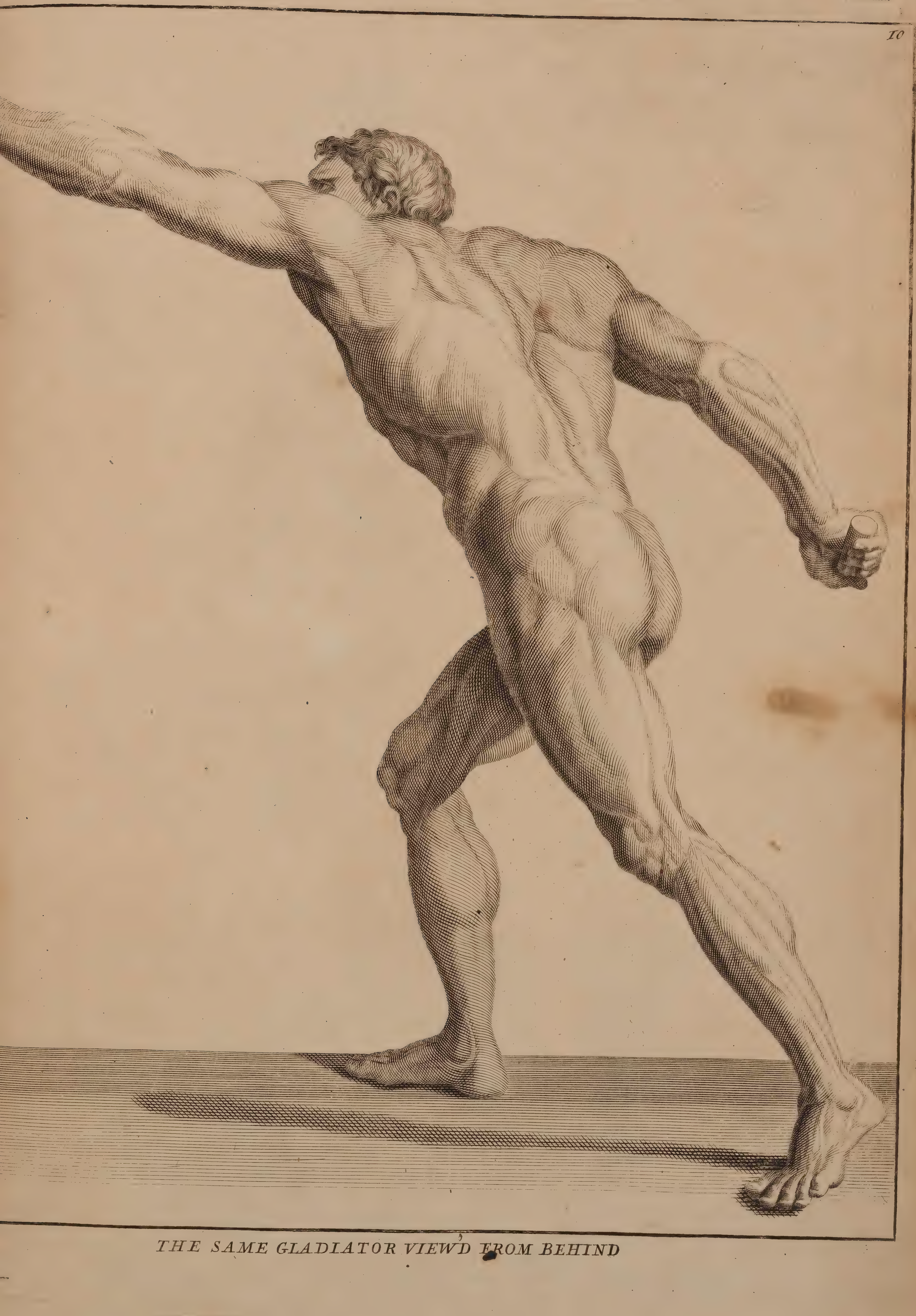
L3-4-1



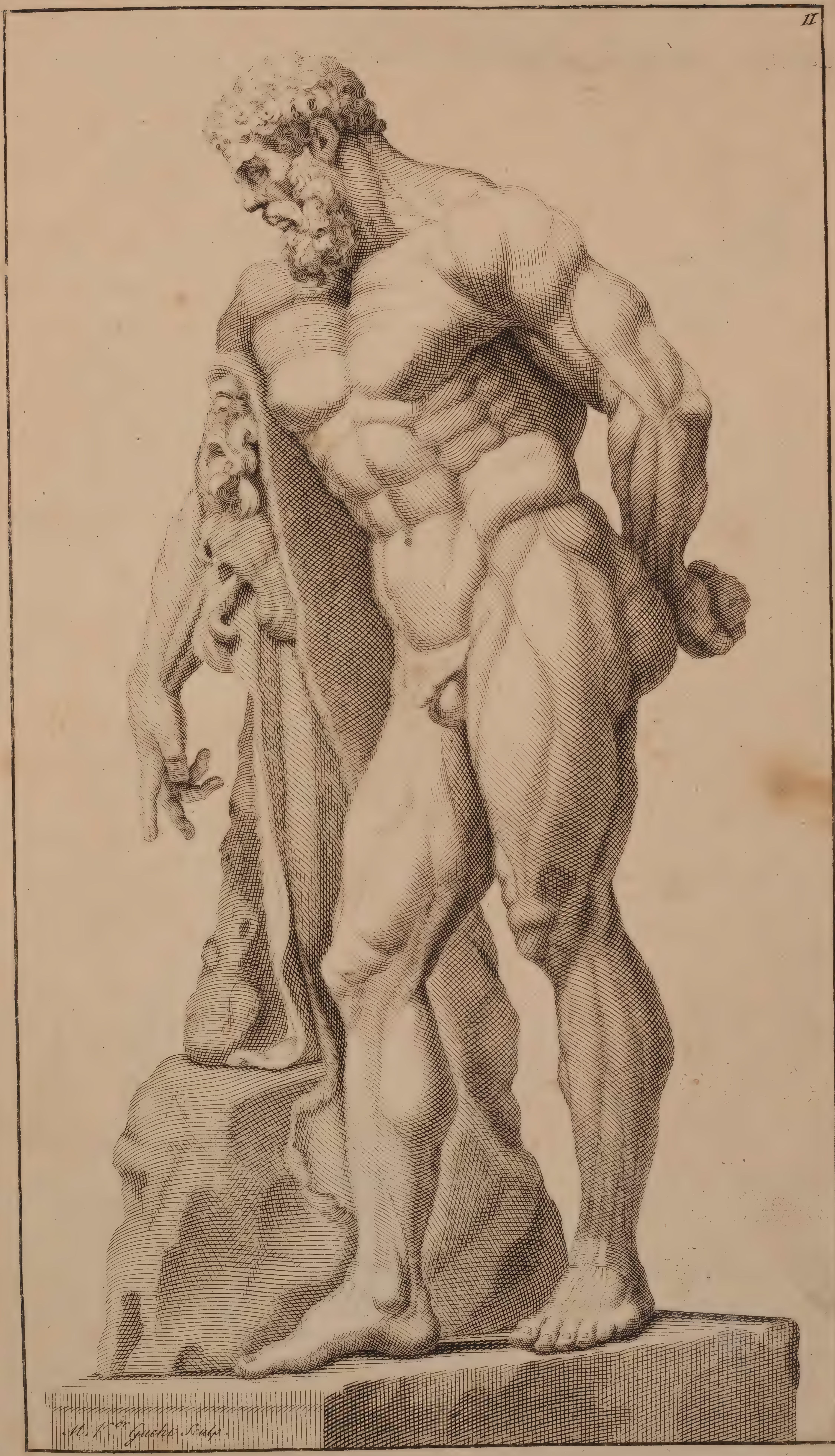
A SIDE-VIEW OF THE SAME ANATOMICAL MODEL



A FULL HIND VIEW OF THE SAME GLADIATOR.



THE SAME GLADIATOR VIEW'D FROM BEHIND



THE SAME HERCULES IN A SIDE VIEW.

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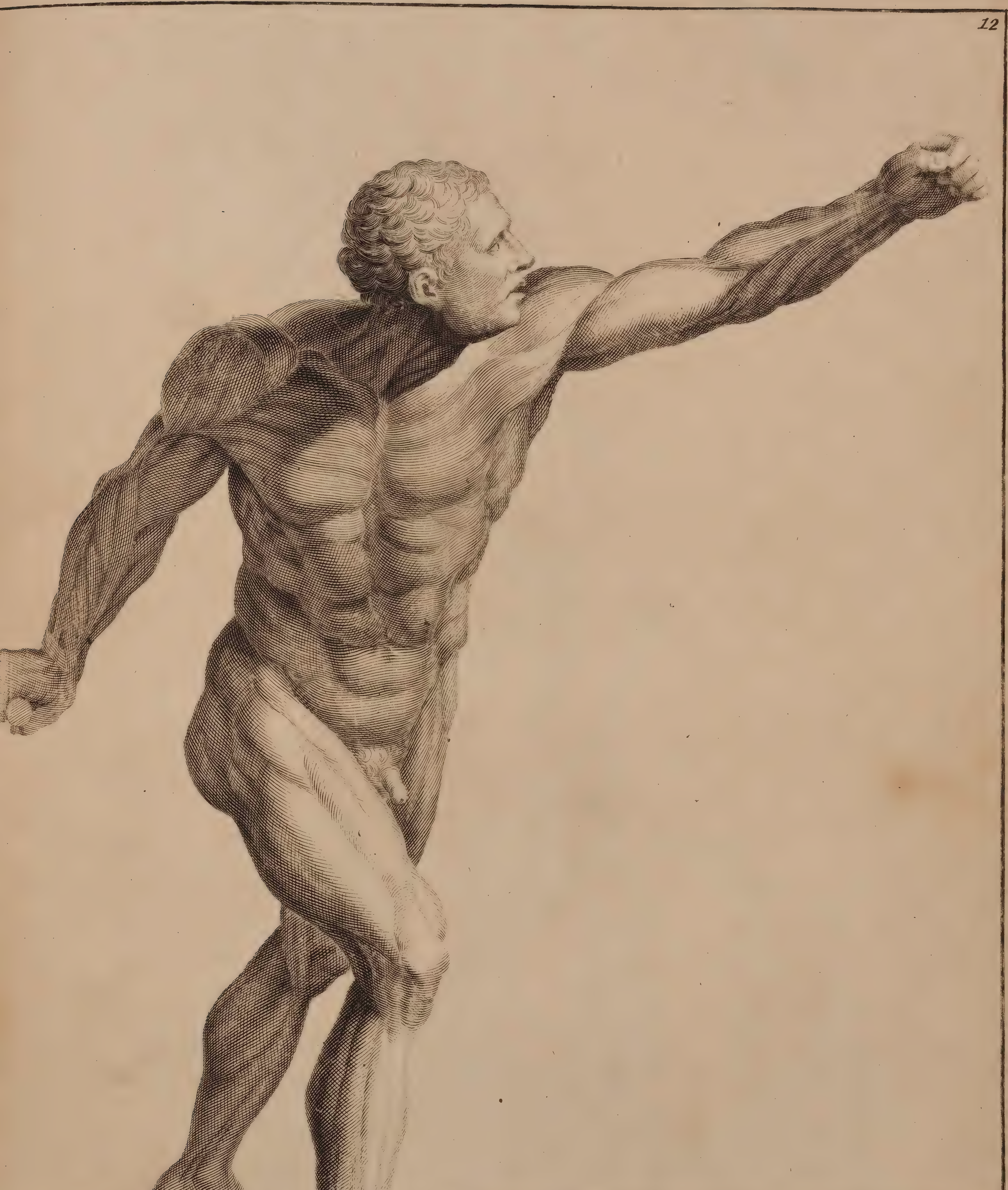
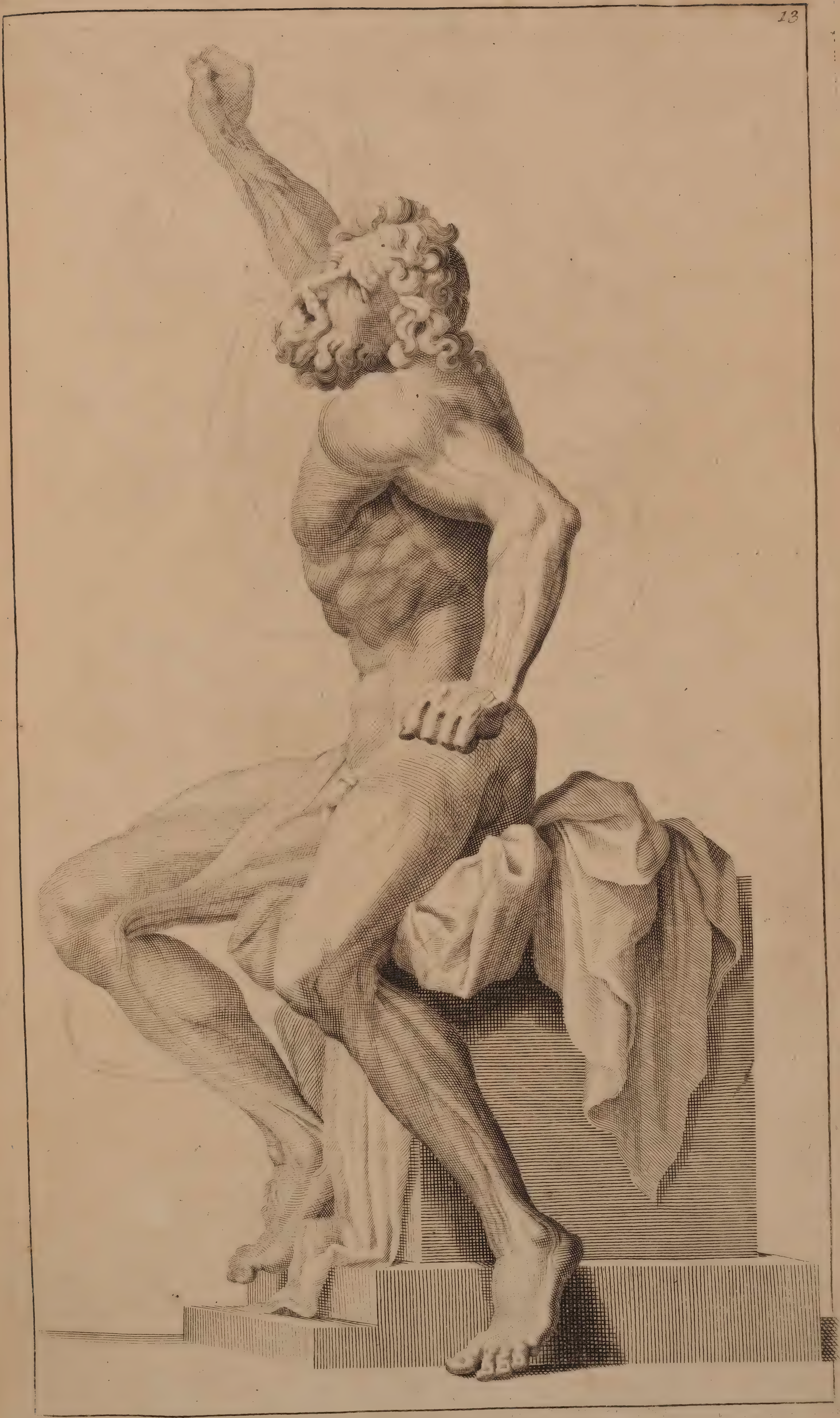


G Vdr Gucht Sculp.

FRONT VIEW OF THE GLADIATOR IN THE VILLA BORGHESE . CONSIDERED ANATOMICALLY .



THE SAME LAOCOON IN A SIDE VIEW

Luth

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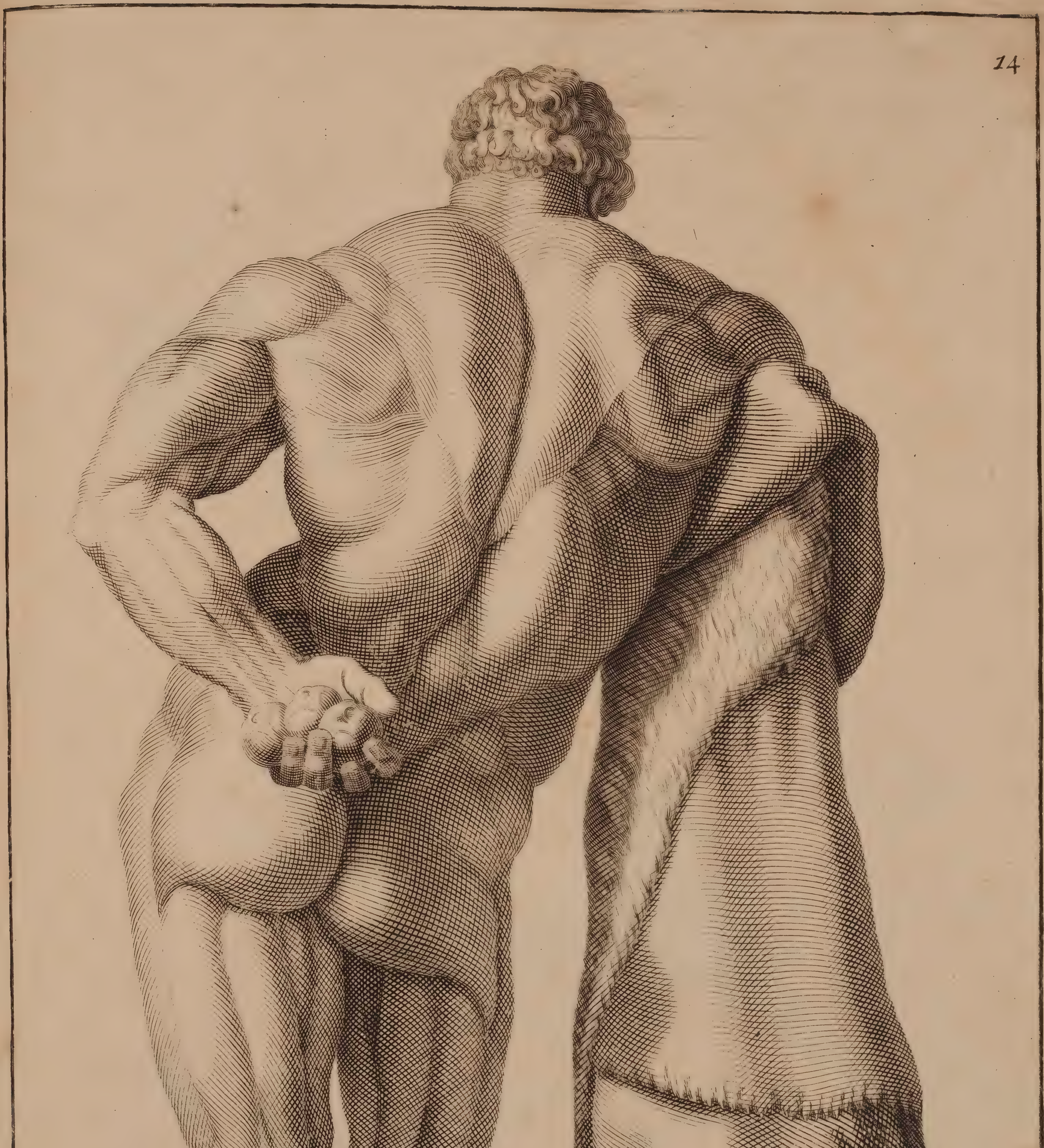
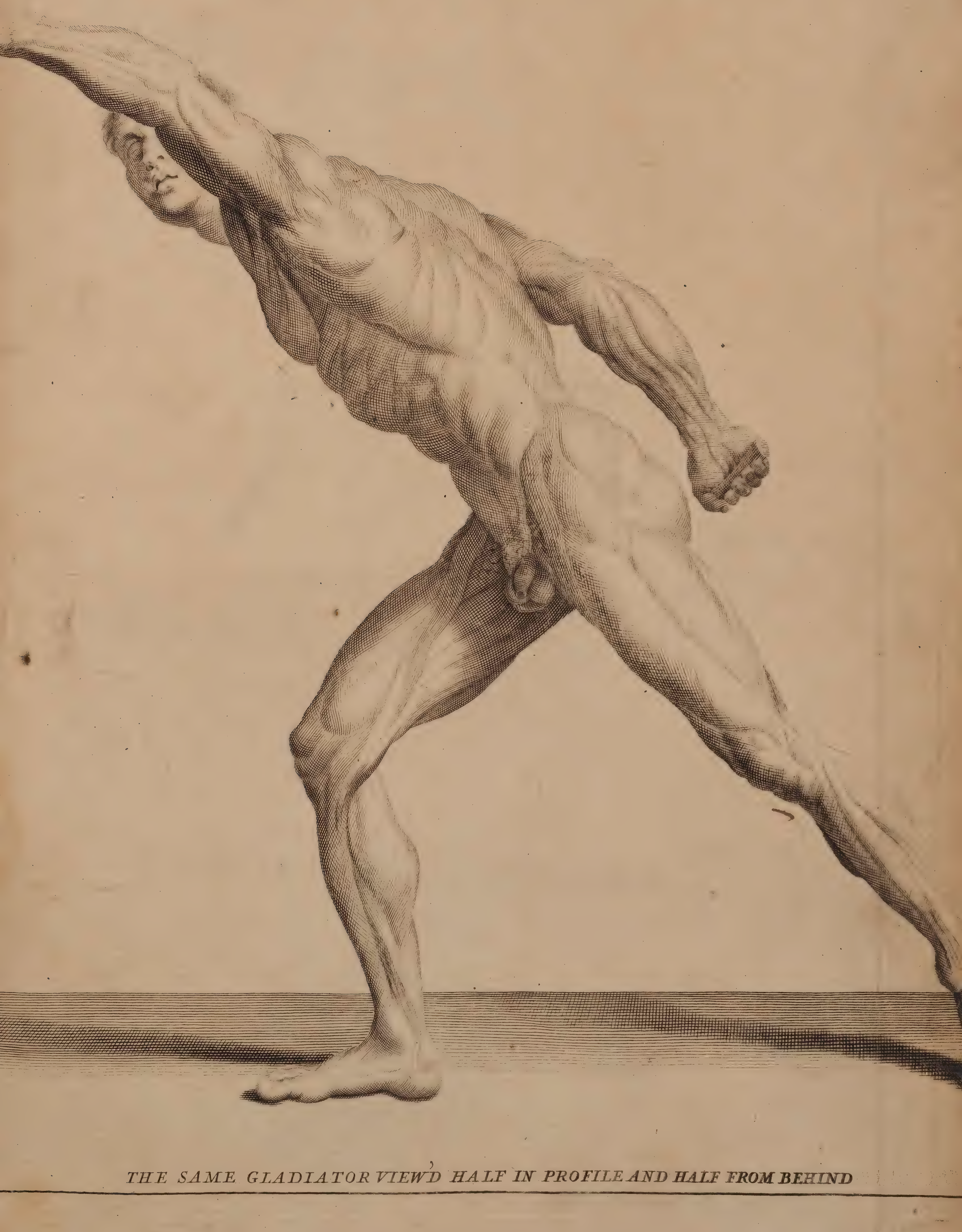
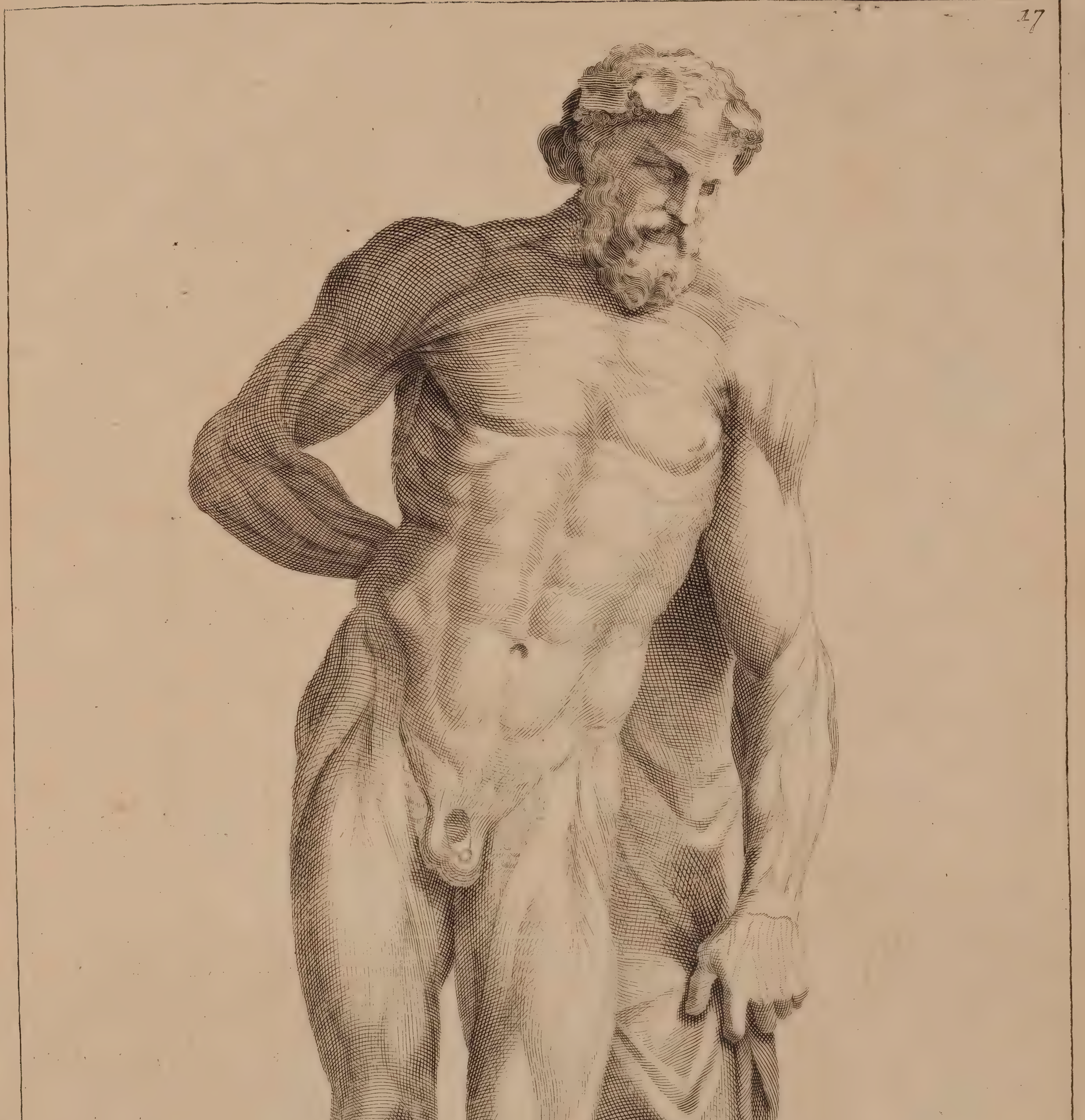


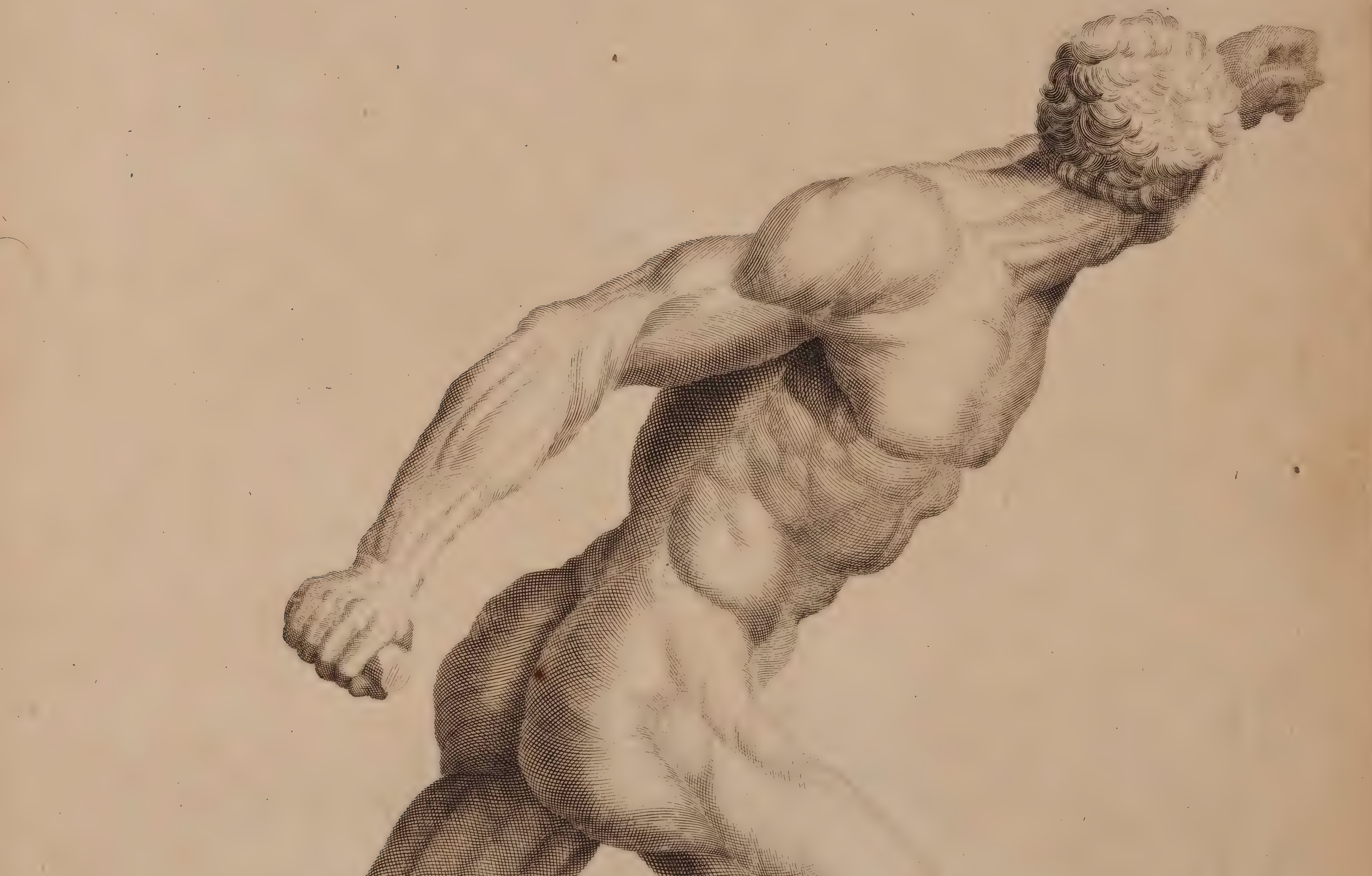
THE SAME FARNESE HERCULES VIEW'D FROM BEHIND.



THE SAME GLADIATOR VIEW'D HALF IN PROFILE AND HALF FROM BEHIND



AN ANATOMICAL MODEL EXPRESSING THE PROPORTIONS OF THE STATUE OF FAUNUS IN THE VILLA BORGHESE. A FRONT VIEW



THE SAME GLADIATOR IN A SIDE VIEW

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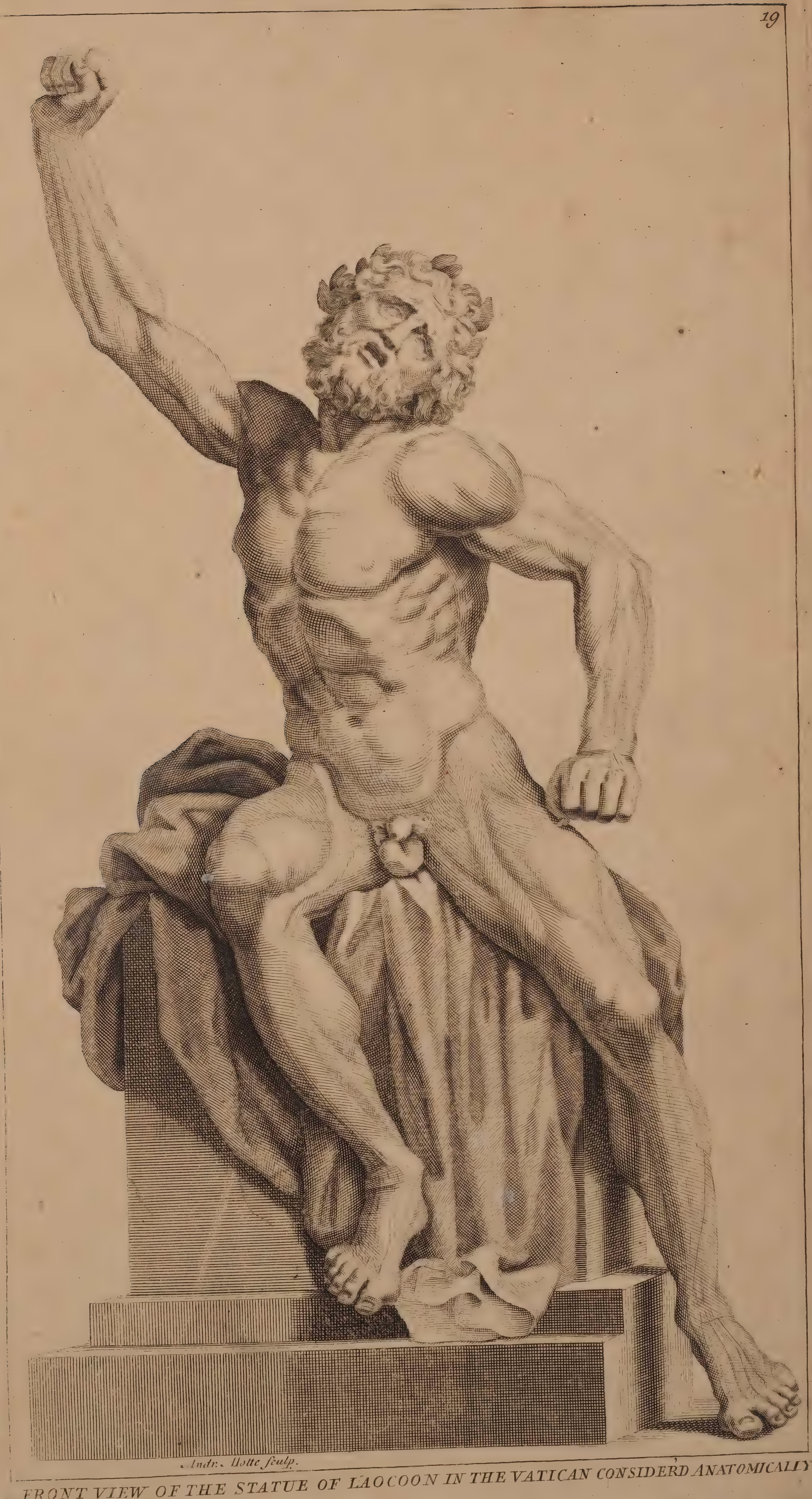

Andr. Motte ſculp.

FRONT VIEW OF THE STATUE OF LAOCOON IN THE VATICAN CONSIDER'D ANATOMICALLY.

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